

## **POOR LEGIBILITY**

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(C-5)

Comstock Mill Historical Survey Site Packet

Mill # 036 Mill Name: Illinois Mill

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## 1.0 HISTORICAL DOCUMENTATION OF MILL

### 1.1 HISTORICAL SUMMARY OF ILLINOIS MILL

The Illinois Mill, located about ¼ mile below Dayton along the Carson River above the Rocky Point Mill (Ansari 1989:84) was also known as the Brown & French Co. Mill, the Ford Berry Co. Mill, and the Dayton Mill (Science Applications International Agency, Technology Services Company [SAIA TSC] 1993:87). The estimated cost of its construction was \$30,000 (Browne 1867:352). In 1861, the mill had 15 stamps (Angel 1958:502). In 1865, the steam-powered mill used five cords of wood per day to power the 20 stamps, five pans, daily capacity of 18 to 20 tons. The mill employed 14 men at that time and was processing ore from the Yellow Jacket Mine in Gold Hill (Ansari 1989:84; SAIA TSC 1993:87). In June 1865, Brown, French and Company owned the mill, while A. Kustel served as superintendent (*Gold Hill Daily News* 1865:3). In 1866, the mill was recorded on Hoffmann's map (Figure 1). The mill was also recorded on the survey plat map of Township No. 16 North, Range No. 21 East of the Mount Diablo Meridian (Figure 2). In 1866, a 30 horsepower steam engine used five cords of wood per day at a cost of \$10 per cord to power the mill's 20 400 pound stamps. William Sharon was the agent of the mill at that time (Browne 1868:352-353). The Bank of California, under the authority of William Sharon, owned the mill in 1868 (Ansari 1989:84). From 1869 to 1870, the mill had 20 stamps and six pans (Ansari 1989:84). The 1984 Lyon County Assessor's Map shows the location of the Illinois Millsite (Figure 3).

The following tables contain a partial title history of the Illinois Millsite (SAIA TSC 1993:92,94-95).

DAYTON/ILLINOIS MILLSITE - DONAVAN PARCEL

DATE	DOCUMENT TYPE	GRANTOR	GRANTEE	DESCRIPTION	DATE	DOCUMENT TYPE	GRANTOR	GRANTEE
11-20-1861	Survey of Land Claim	John Day, County Surveyor	M. A. French, Thomas J. French, W. M. Brown, Charles Bessler	Brown French & Co. Mill & Millsite of 2.90 acres	11-21-1861	Survey A	414	Survey No. 384 (I-1)
11-20-1861	Deed	M. A. French	Henry Davis	Ford Berry & Company Quartz Mill	02-13-1864	Deeds C	287-288	(I-2)
11-14-1861	Survey of Bend Claim		Frederick Birdsall, Constant Birdsall, Mrs. Isabel McNeil, Last.	Survey of 60' wide road passing through the Brown French & Co. land. Shows mill, Brown French & Co. mill race, overflow race, Seventh Ave. Pike St. and Rock Point mill race. Roadbed was later used as dam and railbed to Rock Point Mill. This route later was used as a county road.	01-12-1864	Lyon & Chrus-Nill Coe.	10-11	Survey No. 489 (I-3)
11-13-1864	Survey of Land Claim	United States of America (Act of Congress 09-01-1841)	W. M. Brown, Charles Bessler, T. J. French, M. A. French	Illinois Mill site of 2.9 acres	11-24-1864	Survey A	569	Survey No. 518 (I-4)
01-10-1865	Mtg.	William M. Brown, Charles Bessler, M.A. French, Thomas J. French, Henry Davis	William Sharon	2.90 acres in surveys A/249 Dayton Quartz mill aka Ford Berry & Coe. Quartz mill aka Illinois Quartz mill recorded "promise to pay William Sharon or order at the Agency of the Bank of California" at request of Wells Fargo & Co.	01-17-1865	Mtg B	60-66	(I-5)

## DAYTON/ILLINOIS MILLSITE - DONOVAN PARCEL (continued)

		GRANTOR	GRANTEE	PROPERTY / COMMENTS	DATE	FILE	BOOK	DOCUMENT #
07-23-1925	Deed	The Hotelling Estate Co. (CA Corp.)	Richard M. Hotelling	All Property	08-17-1925	X	234-236	Document #31934 (I-15)
10-08-1927	Decree	Estate of Richard Manderful Hotelling	Jane H. Swinerton George H. Hotelling	Illinois Millsite	10-10-1927	Misc M	189-197	Document #35078 (I-16)
06-07-1928	Deed	Jane H. Swinerton George H. Hotelling	Charles Oster	Property in Misc. H/189	01-27-1929	Deeds I	035-036	Document #36164 (I-17)
09-03-1929	Deed	Charles Oster	Minevada Corp. (NV Corp)	Property in Misc. H/189	02-21-1930	I	221-221	Document #36934 (I-18)
06-14-1933	Deed	Minevada Corporation	State of Nevada	7.11 acres in NW 1/4 of NE 1/4 of Sec 23 and SE 1/4 Sec 14	08-16-1933	Deeds II	183-185	Document #39462 (I-19)
04-02-1938	Deed	Minevada Corp.	William M. Donovan	Illinois Mill property	04-22-1939	Deeds IV	547-548	Document #45191 (I-20)
06-20-1975	Decree	Estate of William M. Donovan aka W. M. Donovan	Gladys W. Donovan (Widow)	All property	11-19-1981	---	---	Document #63482 (I-21)
10-15-1981	Admin Deed	Estate of Gladys W. Donovan	William M. Donovan, Jr., Lois R. Naab Shella Moser Terry M. Miller	1/4 each	11-19-1981	---	---	Document #63484 (I-22)
06-13-1984	Lis Pendens	James A. Viner, Suzanne C. Downie, Arthur J. Bauer, Jr.	William M. Donovan, Jr., Lois R. Naab Shella Moser Terry M. Miller	Portion of Illinois millsite	06-19-1984	---	---	Document #85633 (I-23)
11-14-1986	Lien Claim	M. Craig Hease, Esq.	William M. Donovan, Jr., Lois R. Naab Shella Moser Terry M. Miller	Illinois millsite/ 54,634.96	12-01-1986	---	---	Document #103801 (I-24)

## DAYTON/ILLINOIS MILLSITE - DONOVAN PARCEL (continued)

		GRANTOR	GRANTEE	PROPERTY / COMMENTS	DATE	FILE	BOOK	DOCUMENT #
12-22-1989	QCD	Shella E. Moser	James A. Viner Suzanne C. Downie Arthur J. Bauer	Includes portion of original millsite	01-18-1990	---	---	Document #130457 (I-25)
12-22-1989	QCD	William M. Donovan, Jr.	James A. Viner Suzanne C. Downie Arthur J. Bauer	Includes portion of original millsite	01-18-1990	---	---	Document #130458 (I-26)
12-22-1989	QCD	William M. Donovan, Jr.	James A. Viner Suzanne C. Downie Arthur J. Bauer	0.228 acre portion of Illinois millsite under Lyon Co. Road No. 33	01-18-1990	---	---	Document #130467 (I-27)
01-29-1990	Release Lis Pendens			Release Case #015 (#3632)	02-01-1990	---	---	Document #130939 (I-28)



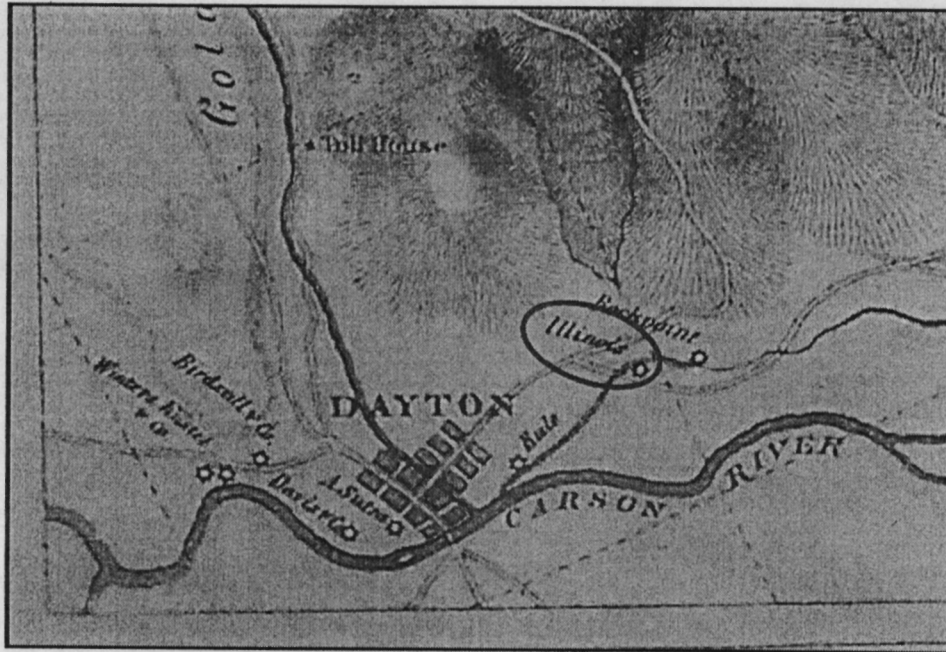


Figure 1: Portion of the 1866 Hoffmann map showing the Illinois Mill in the left-center of the frame in Dayton (Hoffmann 1866).

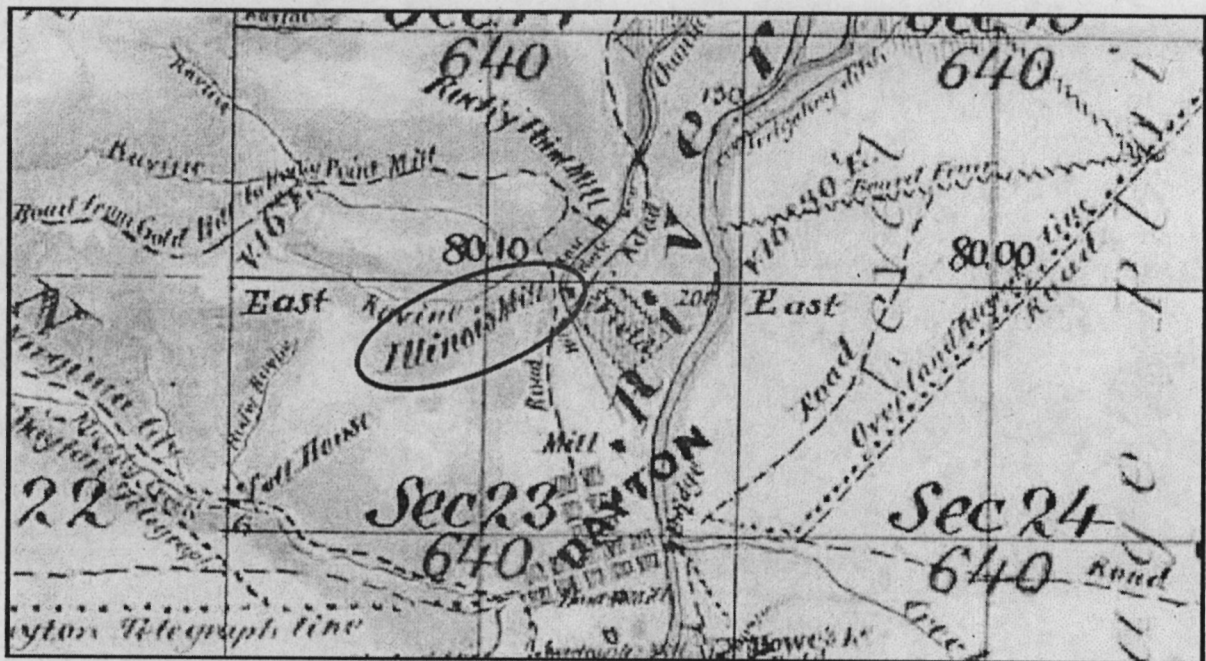


Figure 2: Portion of the "Map of Township No. 16, Range No. 21 East of Mount Diablo Meridian" showing the Illinois Mill in the center of the frame (General Land Office 1866).

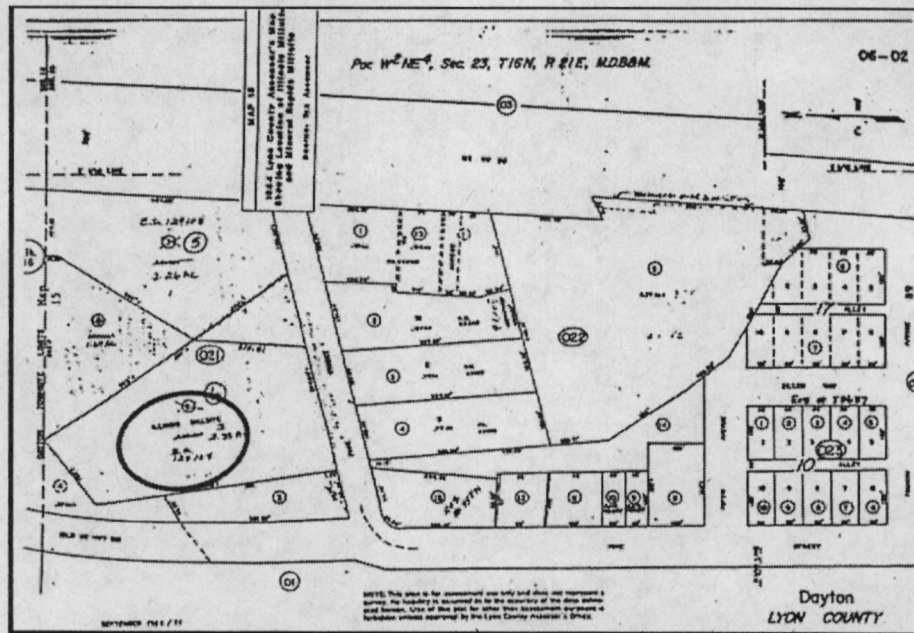


Figure 3: The 1984 Lyon County Assessor's Map showing the location of the Illinois Millsite (SAIA TSC 1993:89).

## 1.2 WORKS CITED FOR HISTORICAL RESEARCH

Angel, Myron

1958 *Reproduction of Thompson and West's History of Nevada, 1881 with Illustrations and Biographical Sketches of its Prominent Men and Pioneers*. Howell-North, Berkeley, CA.

Ansari, Mary B.

1989 *Mines and Mills of the Comstock Region Western Nevada*. Camp Nevada, Reno, NV.

Browne, J. Ross

1868 *Reports on the Mineral Resources of the United States*. Government Printing Office, Washington, DC.

General Land Office

1866 Map of Township No. 16 North, Range No. 21 East at Mount Diablo Meridian. Bureau of Land Management Nevada Land Records.  
<http://www.nv.blm.gov/LandRecords/>. Accessed 17 April 2012.

*Gold Hill Daily News*

1865 No Title. *Gold Hill Daily News* 5 June:3. Gold Hill, NV.

Hoffman, Chas. F.

1866 *Topographical Map Showing the Locations of the Sutro Tunnel and the Comstock Lode, State of Nevada, United States of America*. San Francisco, CA.

Science Applications International Agency, Technology Services Company

1993 Final Report of the Dayton Mills at Carson River Mercury Site. Report to U.S. Environmental Protection Agency, Region IX, San Francisco, from Science Applications International Agency, Technology Services Company, San Francisco.

### **1.3 HISTORIC PHOTOGRAPHS**

No historic photographs were identified:

Repositories checked:

Joe Curtis Private Photo Collection  
Nevada Historical Society  
University of Nevada, Reno Special Collections

## **2.0 IDENTIFICATION OF MILL SITE LOCATIONS**

### **2.1 INFORMATION REPORT**

Appendix A is an information report generated from the NDEP Mill Site Inventory Database. This inventory is used to record survey data and historical research.

### **2.2 IMACS FORM**

The Intermountain Antiquities Computer System (IMACS) Form is utilized by archaeologists as a guide for preliminary identification of a historic sites and features. The IMACS form is not intended to be complete, or to exhaust the subject of historic artifact discovery. The level of analysis may not adequately encompass the nature and complexity of the site. Estimates of numbers of various artifact types may be more appropriate for large sites rather than detailed descriptions which are more appropriate to small sites. The specific artifact classes represented here are the most common found on historic sites and are generally the most diagnostic. Evaluations of any site are dependent on surface features and artifacts, as well as complimentary historical documentation.

The IMACS form is a stand-alone document, attached as Appendix B with applicable attachments.



### 3.0 FIELD PHOTOGRAPHS

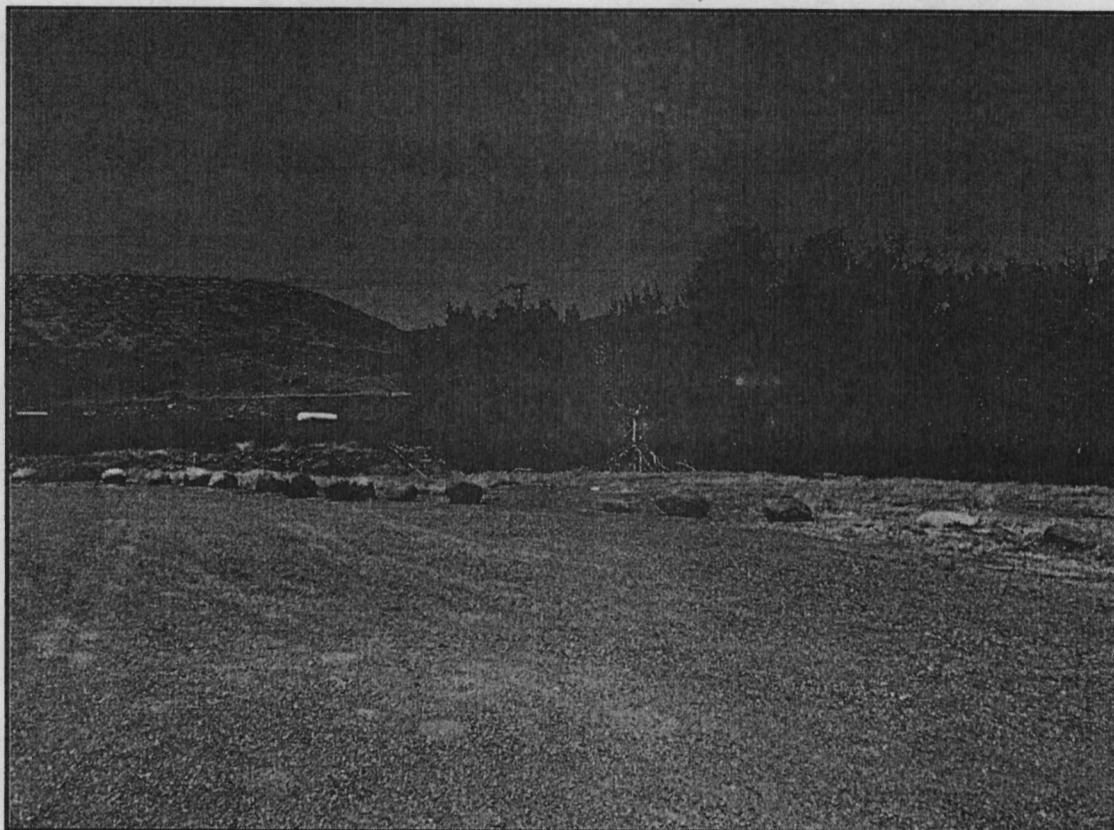


Photo 101C-00139: Illinois Mill site overview. Camera faces northeast (Eric Seitz, 05/11/2012).

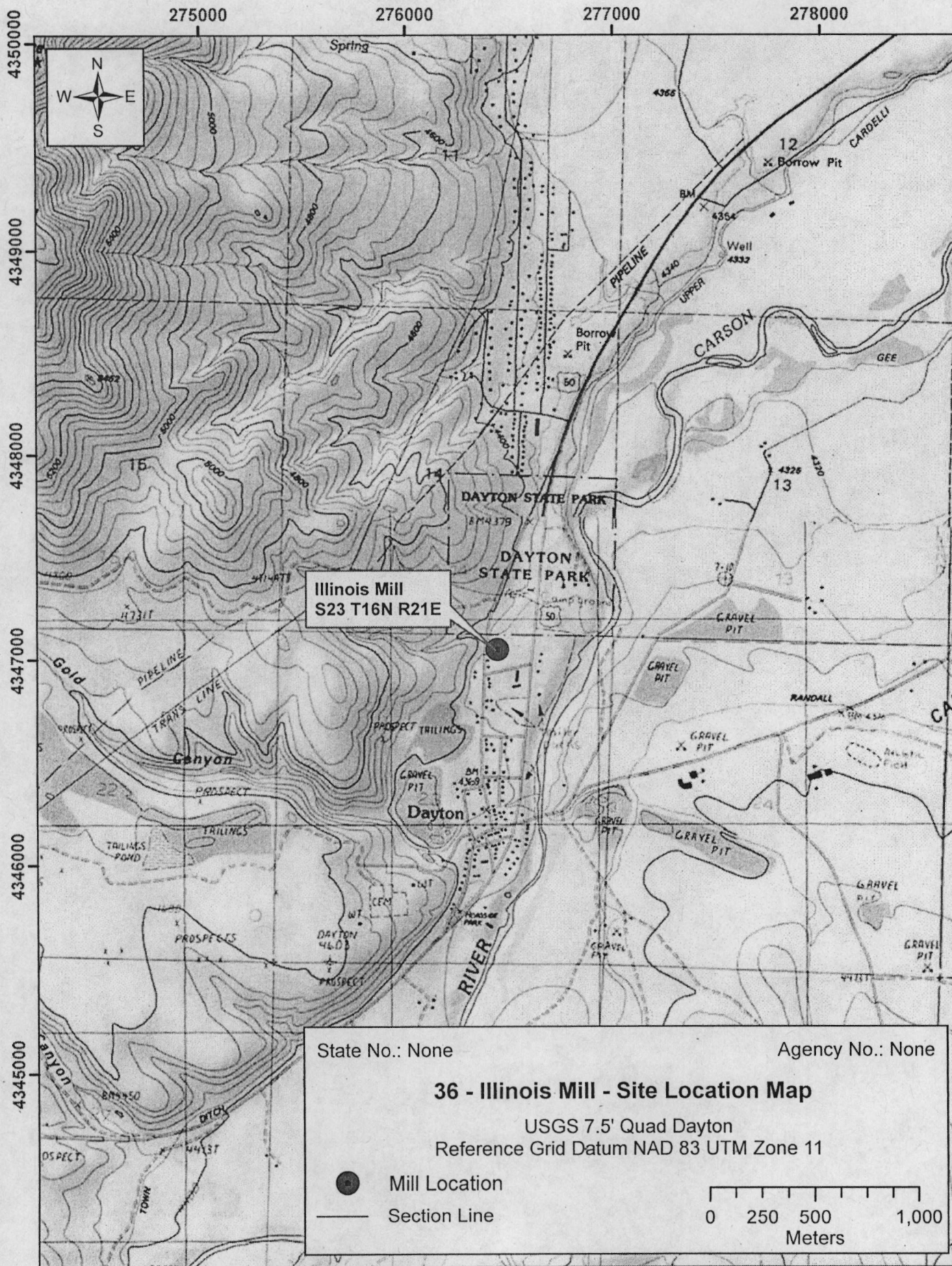
#### Photo Log

Mill #	Photo Number	Photo Date	Description	Direction	Taken By	UTM Easting	UTM Northing
36	101C-00139	11-May-12	Site Overview	NNE	EMS	276451	4347075

## **4.0 MAPS**

### **4.1 SITE LOCATION MAP**

The Site Location Map depicts the location of the mill.

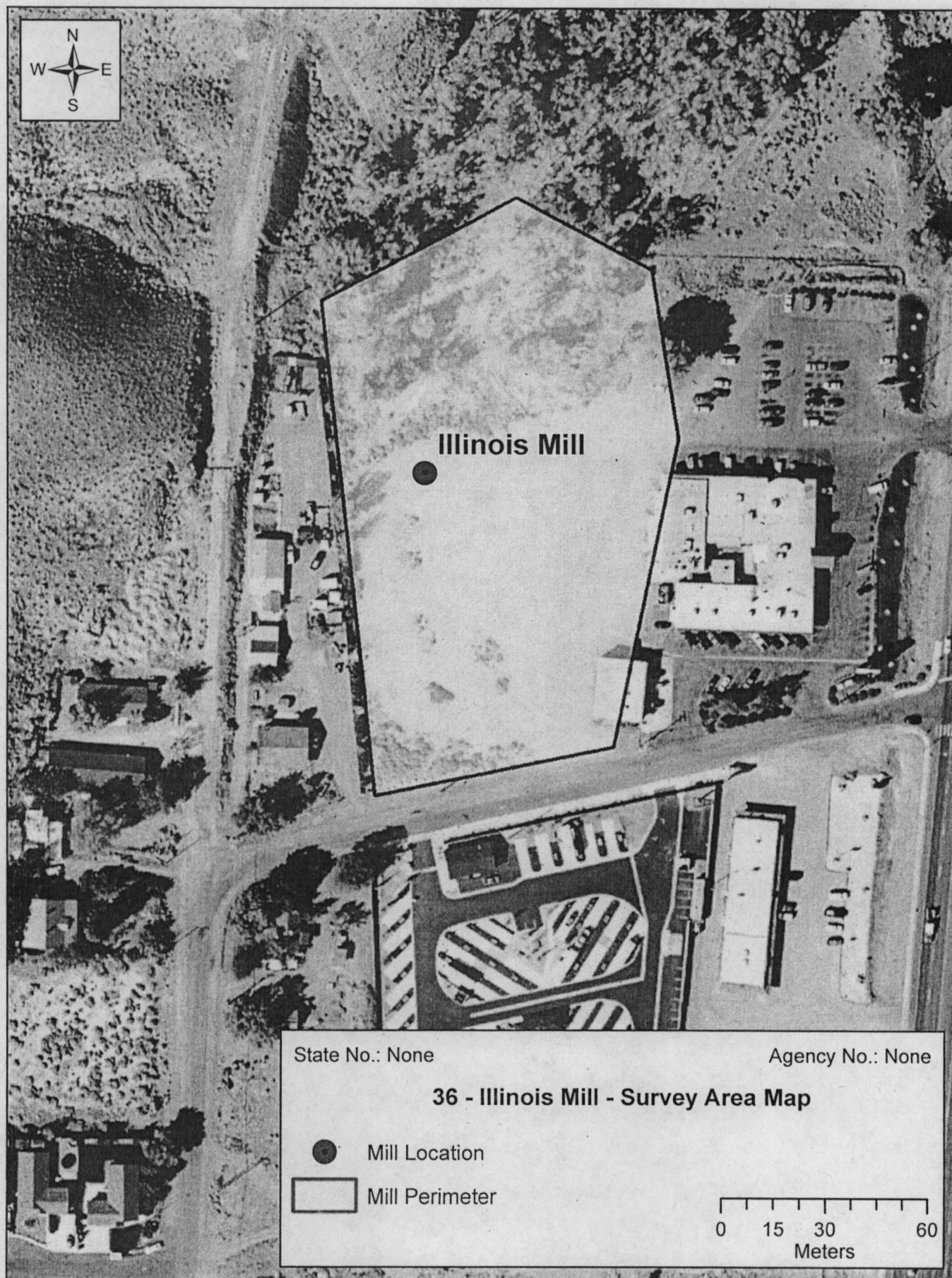


Surveyed: 5/11/2012 by ESD



#### **4.2 SURVEY AREA MAP**

The Site Map depicts a close up of the site and surveyed features.



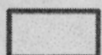
State No.: None

Agency No.: None

### 36 - Illinois Mill - Survey Area Map



Mill Location



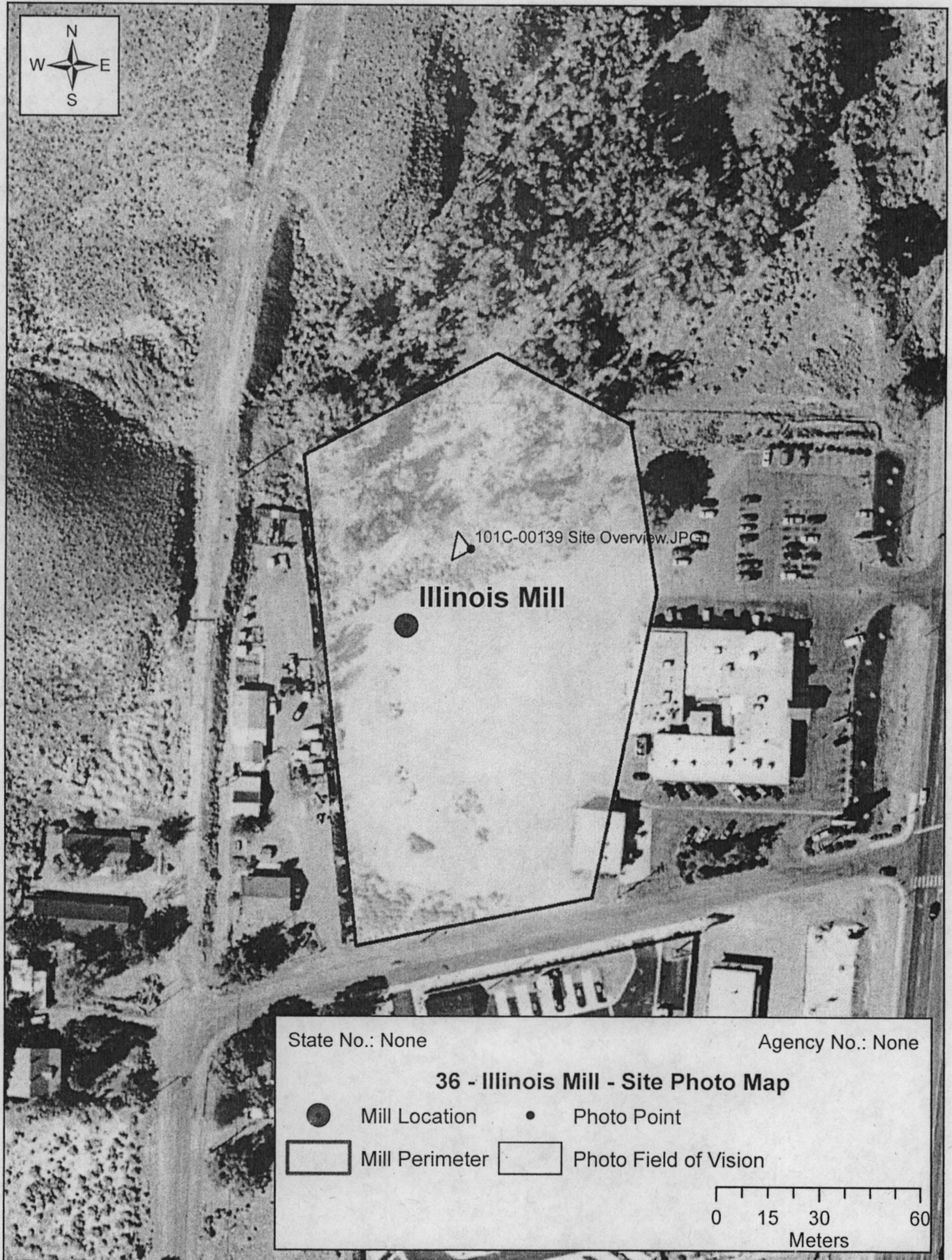
Mill Perimeter

0 15 30 60  
Meters

Surveyed: 5/11/2012 by ESD  
Image Source: ESRI

#### **4.3 SITE PHOTO MAP**

The Site Photo Map depicts the site and photos taken during fieldwork.



State No.: None

Agency No.: None

### 36 - Illinois Mill - Site Photo Map



Mill Location



Photo Point



Mill Perimeter



Photo Field of Vision

0 15 30 60  
Meters

Surveyed: 5/11/2012 by ESD  
Image Source: ESRI

## **5.0 REPEAT PHOTOGRAPHY**

As no historical photographs were recovered during the research of this mill, no repeat photography was conducted.

Internal Site ID: 36

## Survey Summary

### Illinois Mill Site

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<b>Survey Date:</b>	5/11/2012
<b>Surveyors:</b>	Emily Dale, Eric Seitz, Ashlee Younie
<b>Is Survey Complete:</b>	Yes
<b>Reason if Not Surveyed:</b>	
<b>Historic Basis:</b>	Historical research and pedestrian survey.
<b>Mill Remains Visible Comment:</b>	None.
<b>Distance From Mill To Nearest Residential Dwelling:</b>	201' - 500'
<b>Is Site Accessible:</b>	No
<b>Site Accessibility Description:</b>	Off of Highway 50, behind Terrible's Casino.
<b>Are There Surface Remains:</b>	No
<b>Evidence of Recreational Use:</b>	Yes
<b>Amount of Recreational Use:</b>	Heavy
<b>Use Description:</b>	Site is now a gravel parking lot.
<b>Is Mill Deemed Historic:</b>	No
<b>Other Comments:</b>	No site left.

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Internal Site ID: 36

**Mill Summary****Illinois Mill Site**

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<b>APN:</b>	006-021-006
<b>Street Address:</b>	800 Pike St Par 3 Fr Illinois Milste
<b>City:</b>	Dayton
<b>Zip:</b>	89403
<b>County:</b>	Lyon
<b>Property Type:</b>	Commercial
<b>Elevation (ft):</b>	4357
<b>Township / Range / Section:</b>	T16N R21E S23
<b>UTM Location:</b>	Zone 11N, 276432.8513 E, 4347051.3861 N
<b>Lat / Long Method:</b>	Digitized From Internet Mapping Program
<b>Mill Location Accuracy:</b>	Piedmont Engineering Location
<b>General Location:</b>	Dayton
<b>Number of Stamps:</b>	20
<b>Number Of Pans:</b>	6
<b>Number Of Settlers:</b>	
<b>Year Constructed:</b>	1861
<b>Period Of Operation:</b>	1860's-?
<b>Operation Type:</b>	Unknown
<b>Operation Capacity:</b>	20
<b>Fate Of Mill:</b>	Unknown
<b>Year Removed:</b>	Unknown

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## **Appendix B – 36 Illinois Mill IMACS**



Broadbent &amp; Associates, Inc.

Internal Site ID: 36

**Appendix E**

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

## CULTURAL RESOURCES INVENTORY NEGATIVE REPORT

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BLM Office: Carson City  
BLM Report Number: CRR-03-2638  
Organization/Field Crew: Broadbent & Associates, Inc.  
Project Name and Description: Comstock Archaeological Mill Site Inventory  
Project Area Total Acres: 399.70185  
Surveyed Acres: 3.48  
Legal Description: T16N, R21E, Section 23  
County: Lyon  
Map Reference: USGS 7.5' Dayton 83  
UTM Reference: Zone 11N, 276432.8513 E, 4347051.3861 N  
Records Check:

- ☒ BLM Records  
☒ NVCRIS  
☒ NR  
☒ State Archive  
☐ Other

Results of Previous Inventories: N/A

Recorded and Unrecorded Sites: N/A

Expectation: Illinois Mill Site

Inventory Date(s): 5/11/2012

Inventory Type: Modified Class III Survey

Findings: No mill resources were encountered during the inventory.

The Illinois site is located in east Dayton off of Highway 50 on the left hand side of the road if you are traveling east.

There is nothing left, either structurally or artifactually, of the Illinois Mill.

Prepared By: Ashlee Younie

Prepared Date: 12/14/2012

Approved By:

Approved Date:

Printed 12/14/2012

2.7 Illinois Mill (AKA DAYTON MILL) [NOT THE SAME AS THE DAYTON MILLS]

The Illinois Mill was also known as the Brown & French Co. Mill, the Ford Berry Co. Mill, and the Dayton Mill. The earliest documentation of its location is contained in an 1863 survey of a land claim for the Brown & French Co. Mill and Millsite (Map 14). This location corresponds to the current Tax Assessor's parcel map (Map 15).

The property was originally owned by M. A. French, T. J. French, William M. Brown, and Charles Beseler (I-1, I-4). M. A. French transferred a partial interest in the property to Henry Davis on November 20, 1863 (I-2). On December 24, 1863, the property was the subject of a survey for a road claim by Frederick Birdsall, Constant Birdsall, and Mrs. Isabel McNeil Leet (I-3).

In the 1865 Annual Report of the Surveyor General, the Illinois Mill was incorrectly described as being erected in 1864, powered by steam, and having 20 stamps, 5 pans and a crushing capacity of 20 tons (A-4;A008364). The June 5, 1865, edition of the Gold Hill News identifies Brown, French & Co. as proprietors. The mill used steam power, had 20 stamps, had 5 pans, and was crushing 18 tons of ore per day from the Yellow Jacket mine (B-4;A008572).

On January 10, 1865, Brown, Beseler, Davis, M. A. French, and T. J. French executed a mortgage on the property in favor of William Sharon for 2.9 acres known as the "Dayton Quartz Mill afterward Ford Berry & Cos. Quartz mill and now known as the Illinois Quartz Mill" (I-5). This mortgage included a statement of a "promise to pay William Sharon or order at the Agency of the Bank of California." The document was recorded at the request of Wells Fargo & Co. An additional mortgage on the property was executed by the same parties to Sharon, containing a "promise to pay William Sharon Agt or order at the Agency of the Bank of California" on October 28, 1865 (I-6).

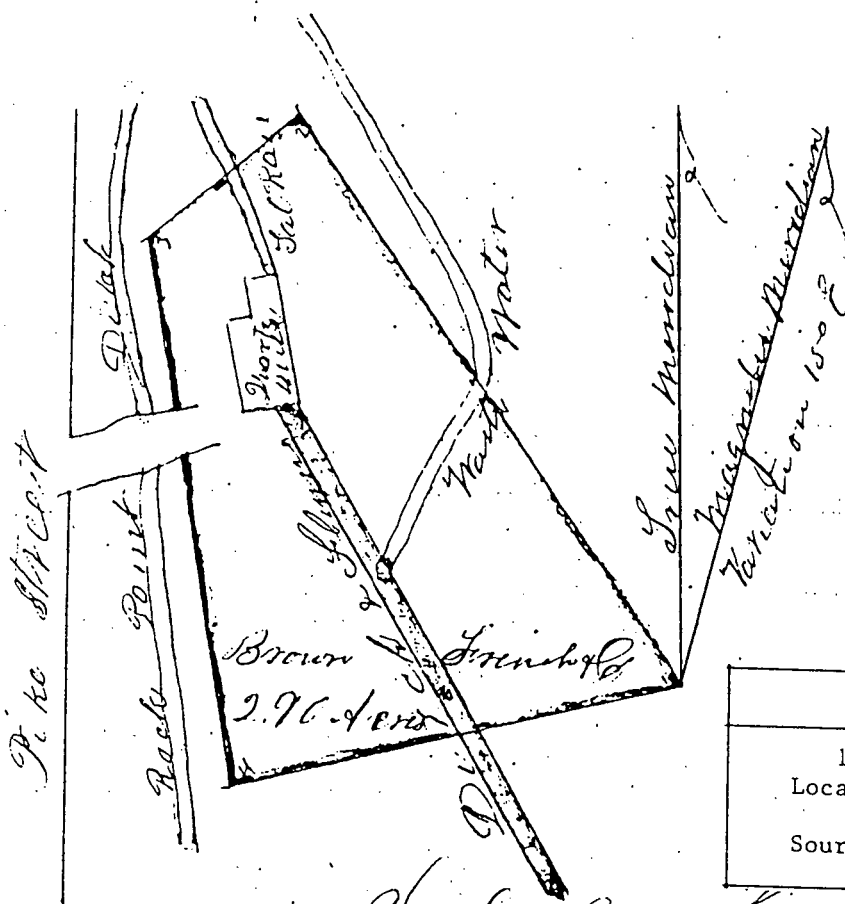
Sharon apparently foreclosed on these mortgages because a Sheriff's deed transferred the property, including 2.9 acres and a mill known as the Ford Berry Co. Mill, aka Dayton Mill, aka Illinois Mill, to Sharon on August 30, 1866 (I-7).

In the 1866 State Mineralogist Report, the Illinois Mill was described as being steam powered, having 20 stamps and 5 pans and having a crushing capacity of 20 tons per day (A-10;A008519).

In the 1869-1870 State Mineralogist Report, the Illinois Mill was reported to have 20 stamps and 6 pans (A-5;A008529).

In the January 21, 1868, edition of the Territorial Enterprise, the Illinois Mill was identified as being owned by the Bank of California (B-7;A008579).

Sharon received the patent to the Illinois Millsite in 1871 (I-9). In a pattern of transactions repeated with several other millsites in this report, F. G. Newlands, as trustee for Sharon's estate, transferred the property to the Union Mill & Mining Co. on November 2, 1905 (I-10). Union Mill & Mining deeded the property to Herman Davis on November 27, 1905 (I-12); and Davis sold the property to the Nevada Mining, Reduction & Power Co. on January 13, 1909 (I-13).



MAP 14

1863 Survey Map Showing  
Location of Illinois Millsite

Source: Lyon County Recorder

Scale 200 feet to 1 inch  
and Plot of Survey of mill site above  
as Carson River. Dayton Lyon County  
surveyed for Wm W Brown Charles Bell  
French & M A French by John Day  
November 20th 1863  
J French & M A French  
mound brown assumed to be

MAP 15

1984 Lyon County Assessor's Map  
Showing Location of Illinois Millsite  
and Mineral Rapids Millsite

Source: Tax Assessor

US HW 50

E.F. 129108

1. 26 AC

ILLINOIS MILLSITE  
3  
~~20000~~ 2.35 AC  
E. A.  
129108

(OLD US HWY 50)

NOTE: This plat is for assessment use only and does not represent a survey. No liability is assumed as to the accuracy of the data delineated hereon. Use of this plat for other than assessment purposes is forbidden unless approved by the Lyon County Assessor's Office.

SEPTEMBER 1984 / TC

Dayton  
LYON COUNTY

On June 5, 1913, the property was again transferred by Sheriff's deed, this time to R. M. Hotaling (I-14).

Hotaling's interest was, in an undocumented transaction, conveyed to the Hotaling Estate Company, which conveyed it back to Hotaling on July 23, 1925 (I-15). In 1928, Hotaling's heirs, in a sequence of events repeated in the title history of several Millsites, conveyed the property to Charles Oster (I-17). In 1929, Oster deeded it to Minevada Corp. (I-18), of which he was president. Minevada deeded 7.11 acres to the State of Nevada in June 1933 (I-19), and the remainder to William M. Donovan on April 2, 1938 (I-20).

On January 16, 1962, Conrad and Marjorie Strauch, owners of an unrelated parcel of property (see I-33 and I-34), conveyed all their "right, title and interest" in the Illinois Millsite to Victor and Elsie McCurdy (I-36). This transaction appears to be an attempt to convey property which the Strauchs did not own, and also appears to be the origin of a competing claim which was litigated in the 1980's between the heirs of Donovan's interest and individuals who purchased the McCurdy's interest. Documents I-24 through I-28, I-38, and I-39 discuss this litigation. The litigation was settled when Donovan's heirs agreed to execute quitclaim deeds for a portion of the southeast corner and southern edge of the millsite.

The main portion of the millsite, now Parcel No. 06-021-06, is currently owned by William M. Donovan, Jr., Lois R. Naab, Sheila Moser, and Terry Miller, who each have a one-quarter interest (I-22). The southeastern parcel, created as a result of the settled litigation is currently owned by Cletus and Georgette Wandler (I-40). The current assessed owners of the historic millsite parcels are:

Current Assessed Owners

<u>Parcel No.</u>	<u>Owner</u>
06-021-04	Lyon County
06-021-06	Donovan, William M. Jr., et al. P.O. Box 1 Silver City, Nevada 89428
06-021-05	Wandler, Cletus & Georgette P.O. Box 1331 Dayton, Nevada 89403

The title tree and title abstract for the Illinois Millsite follow. The Preliminary Millsite Map for the Illinois Millsite is included with the Freeborn & Sheldon Millsite on page 129. The title documents are contained in Attachment VIII.

## DAYTON/ILLINOIS MILLSITE - DONAVAN PARCEL

DATE	INST	GRANTOR	GRANTEE	PROPERTY & COMMENTS	DATE RECORDED	COUNTY BOOK	COUNTY PAGE	DOCUMENT NUMBER
11-20-1863	Survey of Land Claim	John Day, County Surveyor	M. A. French Thomas J. French Wm. M. Brown Charles Beseler	Brown French & Co. Mill & Millsite of 2.90 acres	11-24-1863	Survey A	414	Survey No. 384 (I-1)
11-20-1863	Deed	M. A. French	Henry Davis	Ford Berry & Company Quartz Mill	02-13-1864	Deeds C	287-288	(I-2)
12-24-1863	Survey of Road Claim		Frederick Birdsall Constant Birdsall Mrs. Isabel McNeil Leet	Survey of 80' wide road passing through the Brown French & Co. land. Shows mill, Brown French & Co. mill race, overflow race, Seventh Ave, Pike St. and Rock Point mill race. Roadbed was later used as dam and railbed to Rock Point Mill. This route later was used as a county road.	01-12-1864	Lyon & Chruchill cos.	10-11	Surveys B Survey No. 409 (I-3)
11-23-1864	Survey of Land Claim	United States of America (Act of Congress 09-04-1841)	Wm. M. Brown Charles Beseler T. J. French M. A. French	Illinois Mill Site of 2.9 acres	11-24-1864	Survey A	569	Survey No. 528 (I-4)
01-10-1865	Mtg.	William M. Brown Charles Beseler M.A. French Thomas J. French Henry Davis	William Sharon	2.90 acres in surveys A/269 Dayton Quartz mill aka Ford Berry & Cos. Quartz mill aka Illinois Quartz mill recorded "promise to pay William Sharon or order at the Agency of the Bank of California" at request of Wells Fargo & Co.	01-17-1865	Mtg B	60-66	(I-5)

## DAYTON/ILLINOIS MILLSITE - DONOVAN PARCEL (continued)

DATE	INST	GRANTOR	GRANTEE	PROPERTY & COMMENTS	DATE RECORDED	COUNTY BOOK	COUNTY PAGE	DOCUMENT NUMBER
10-28-1865	Mtg.	William M. Brown Charles V. Beseley Thomas J. French Henry Davis	William Sharon	Property as in Mtg. B/60 "promise to pay William Sharon Agt. or order at the agency of the Bank of California"	11-03-1865	Mtg B	259-266	(I-6)
08-30-1866	Sheriff Deed	George W. Shaw, Sheriff per judgment against following: Wm. M. Brown Charles Beseler T. J. French M. A. French Henry Davis J. F. Mead John McCone G. D. Howe Albert Gallatin	William Sharon, Plaintiff	Ford Berry & Co. Mill aka Dayton Mill aka Illinois Mill 2.9 acres on survey A/569	09-08-1866	Deeds E	497-501	(I-7)
05-16-1870	Town Patent	United States of America	Wm. Hayden, Trustee	Town of Dayton				(I-8)
08-01-1871	Lot Patent	Wm. Hayden	William Sharon	Illinois Mill Property	08-29-1871	Deeds G	351-353	(I-9)
11-02-1905	Deed	F.G. Newlands, Trustee for Wm. Sharon	Union Mill & Mining Co.	Property in G/351	12-11-1905	Deeds O	084-085	(I-10)
11-27-1905	Corp. Resol.	Union Mill & Mining Co.		Authorization to sell property	12-12-1905	Deeds O	114-115	(I-11)
11-27-1905	Deed	Union Mill & Mining Co.	Herman Davis	Property in G/351	12-12-1905	Deeds O	115-117	(I-12)
01-13-1909	Deed	Herman Davis	Nevada Mining Reduction & Power	Property in G/351	01-15-1909	Deeds P	464-467	(I-13)
06-05-1913	Sheriff Deed	Sheriff of Lyon Co. for Nevada Mining Reduction & Power Co. per Judgment	R. M. Hotaling	Illinois Millsite	06-12-1913	Deeds S	182-185	Document #10928 (I-14)

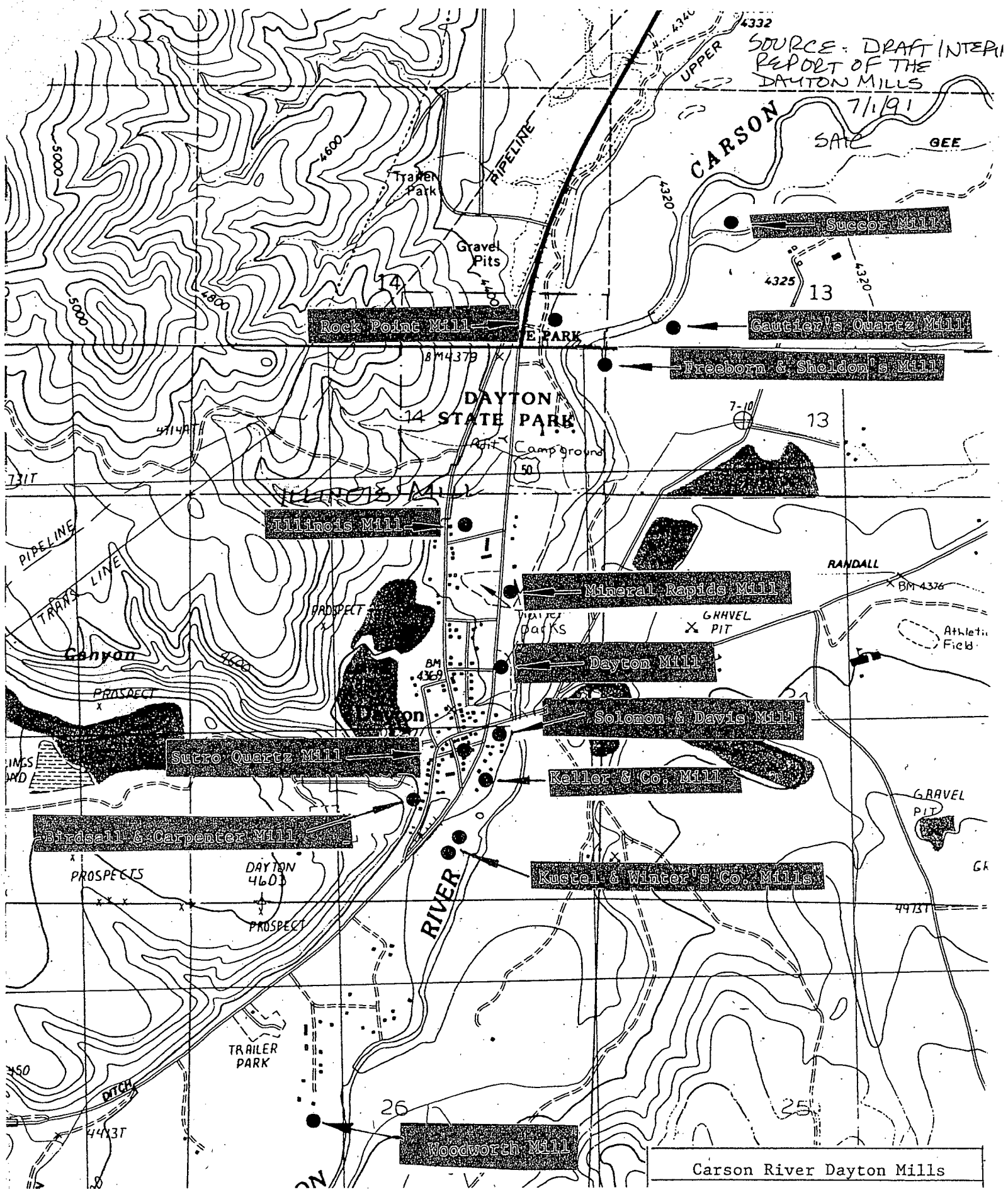
DATE	INST	GRANTOR	GRANTEE	PROPERTY & COMMENTS	DATE RECORDED	COUNTY BOOK	COUNTY PAGE	DOCUMENT NUMBER
07-23-1925	Deed	The Hotaling Estate Co. (CA Corp.)	Richard M. Hotaling	All Property	08-17-1925	X	234-236	Document #31934 (I-15)
10-08-1927	Decree	Estate of Richard Manderful Hotaling	Jane H. Swinerton George H Hotaling	Illinois Millsite	10-10-1927	Misc M	189-197	Document #35078 (I-16)
08-07-1928	Deed	Jane H. Swinerton George H. Hotaling	Charles Oster	Property in Misc. M/189	03-27-1929	Deeds Z	035-036	Document #36166 (I-17)
09-03-1929	Deed	Charles Oster	Minevada Corp. (NV Corp)	Property in Misc. M/189	02-21-1930	Z	221-223	Document #36934 (I-18)
06-14-1933	Deed	Minevada Corporation	State of Nevada	7.11 acres in NW 1/4 of NE 1/4 of Sec 23 and SE 1/4 Sec 14	08-16-1933	Deeds 27	383-385	Document #39962 (I-19)
04-02-1938	Deed	Minevada Corp.	William M Donovan	Illinois Mill property	04-22-1939	Deeds 29	547-548	Document #45191 (I-20)
06-20-1973	Decree	Estate of William M. Donovan aka W. M. Donovan	Gladys W. Donovan (widow)	All property	11-19-1981	—	—	Document #63682 Y(I-21)
10-15-1981	Admin Deed	Estate of Gladys W. Donovan	William M. Donovan, Jr., Lois R. Naab Sheila Moser Terry M. Miller	1/4 each	11-19-1981	—	—	Document #62684 (I-22)
06-13-1984	Lis Pendens	James A. Viner, Suzanne C. Downie, Arthur J. Bayer, Jr.	William M. Donovan, Jr., Lois R. Naab Sheila Moser Terry M. Miller	Portion of Illinois millsite	06-19-1984	—	—	Document #85632 (I-23)
11-14-1986	Lien Claim	M. Craig Haase, Esq.	William M. Donovan, Jr., Lois R. Naab Sheila Moser Terry M. Miller	Illinois millsite/ \$4,634.96	12-01-1986	—	—	Document #103881 (I-24)



## DAYTON/ILLINOIS MILLSITE - DONOVAN PARCEL (continued)

DATE	INST	GRANTOR	GRANTEE	PROPERTY & COMMENTS	DATE RECORDED	COUNTY BOOK	COUNTY PAGE	DOCUMENT NUMBER
12-22-1989	QCD	Sheila E. Moser	James A. Viner Suzanne C. Downie Arthur J. Bauer	Includes portion of original millsite	01-18-1990	—	—	Document #130457 (I-25)
12-22-1989	QCD	William M. Donovan, Jr.	James A. Viner Suzanne C. Downie Arthur J. Bauer	Includes portion of original millsite	01-18-1990	—	—	Document #130458 (I-26)
12-22-1989	QCD	William M. Donovan, Jr.	James A. Viner Suzanne C. Downie Arthur J. Bauer	0.228 acre portion of Illinois millsite under Lyon Co. Road No. 33	01-18-1990			Document #130467 (I-27)
01-29-1990	Release Lis Pendens			Release Case 8035 (85632)	02-01-1990			Document #130939 (I-28)

SOURCE: DRAFT INTERI  
REPORT OF THE  
DAYTON MILLS  
7/1/91



Carson River Dayton Mills

oughly overhauled, it will resume operations about the 15th of January.

In Mammoth district, the Mount Vernon Company are continuing their work both upon shaft and tunnel with very satisfactory results, having struck a ledge of rich ore in the shaft of about twenty-five feet in thickness. The owners of the Uncle Sam group have made arrangements with the superintendent of the Knickerbocker mill at Lone to work about one hundred and fifty tons of their rock, which they have commenced getting out. Ferguson & Co. are still at work on the American Flag, the ledge increasing in width and the quartz in richness as they descend. They are down with the shaft about one hundred and fifteen feet, showing a ledge about six feet wide. They intend soon to start a drift, and also to continue the shaft for thirty or forty feet yet. The Superintendent of the Ural Silver Mining Company, C. E. Gillet, has been having rock worked from several of the ledges in this district—the Ural, Gould & Curry, Albany, Kearsarge and Robinson, among the number—all of which "work" at figures that will pay even from the surface with a good mill near by; the figures being from \$60 to \$100 per ton in silver.

From same of January 2d: The new mill of the Combination Company, just completed in the Hot Creek district, commenced crushing ore on the morning of the 27th ult.

Some 650 pounds of bullion were brought into town yesterday from the mill of the Twin River Company.

Washoe.

[In the Stock Circular, in another portion of this paper, will be found late mining news from this district.]

From the *Territorial Enterprise* of Jan. 1st: Thomas Farrell has brought an action to recover mining ground and \$500,000 damages from the Savage Company. The ground claimed is a portion of the front ledge, just east of the Comstock, known as the Mitchell lode, and includes six hundred feet, extending north from the Hale & Norcross north line.

From same of 5th: The damages caused by the flood in Carson river, to the dams, etc., a couple of weeks ago, are now repaired, and all the mills in the vicinity of Dayton are in full operation crushing ore from the old Comstock.

Same of 6th: The new shaft of the Imperial and Empire companies has now attained a depth of 750 feet, and the work of sinking deeper is being actively prosecuted.

At Edwards & Wiegand's assay office, Gold Hill, yesterday, was a pile of twenty-seven silver bars, worth about \$40,000; all from the Crown Point mine. The crude bullion used in the manufacture of these bricks, when brought to the office, weighed three-quarters of a ton.

We present the following report of bullion shipped from the office of Wells, Fargo & Co., in this city, during the past year of 1866, just merely to give some idea of the vast amount of wealth produced from the great Comstock lode. This is independent of what is shipped from their office at Gold Hill or anywhere else:

January.....	\$520,177 20
February.....	492,322 91
March.....	705,210 33
April.....	616,987 50
May.....	648,776 71
June.....	562,938 70

operations for want of dumping room for the ore that is being taken out. This is the cause of the deficiency in our shipments. The mines of the Comstock ledge never looked more promising than they do at the present time, nor have they ever yielded more paying ore than now. At the Savage there is in the new dumps at the present time 2,000 tons of first-class ore, which will give a yield of not less than \$80,000 to say the least of it. In fact all the mines where pay ore is being taken out is in the same condition.

From the *Virginia Union* of Jan. 2d: At this time there is fifty tons of first-class ore at the Yellow Jacket new works awaiting shipment. It assays from \$400 to \$500 per ton. The Petaluma mill started up yesterday on the Savage ore.

From same of 4th: We learn that there have recently been a number of rich ledges located beyond and to the east of Death Valley and in the Black Mountains. We were shown some of the ore. Horn silver is plentiful in it, and the entire quartz abounds in sulphurets. The ledges are from eight to thirty feet in width, and crop out prominently, being traceable for a long distance on the mountain side. The region is excellently watered and wooded.

A telegram from Gold Hill, Jan. 8th, says: The Yellow Jacket north mine opened into a new body of ore to-day, 140 feet east of that on the level above. It looks fine.

#### ARIZONA.

From the *Miner* of Dec. 15th: The ore from the Ticonderoga mine in Goodwin district, near Big Bug, is being worked at Woolsey's mill, yielding from \$60 to \$100 per ton. The lead is about seven feet wide.

Our favored mine the Sterling, now promises wealth and happiness to its lucky owners. No mine in Nevada nor California has ever surpassed it in product or prospects. Since the last clean-up a most thorough and careful examination of the mine has been made by competent and experienced men, with the most satisfactory results. If Uncle Samuel or some other human power will exterminate our infernal redskins, so that men can come here safely, we may look for times well remembered in Nevada in '61-2 and 3. No such prospects were then known in that State, nor do we believe there is a place on the Pacific coast that promises so well for mining as this section of Arizona at this moment.

In the neighborhood of the Sterling are several other mines, known and proved to be very rich and reliable. The Mucella and Umpqua are both being worked, and have exceeded the expectations of their owners.

The *La Paz Gazette* of Dec. 13th, says that Noyes' 10-stamp mill had arrived from Fort Yuma a few days previous,

#### BRITISH COLUMBIA,

Victoria dates to Jan. 5th: Mr. Jerrold, with a party of eight, arrived last week from Big Bend. There are between fifty and sixty persons wintering on French Creek. The weather was not severe when Mr. Jerrold left, and snow lay to the depth of two feet. Gold Hill claim, on this creek, excites considerable interest, and more confidence is felt in its richness. A mining company has been organized to prospect ground in the rear of this claim. Five men were at work on Discovery claim, making two or three ounces per day rocking their

immediately below Lyon's furnace.... The Ophir Company are fixing up their railway and putting on new cars. They are also erecting a new building to cover the lode. They are also about putting in a new engine for hoisting, together with a pump.... The Briggs Company commenced this morning on the Gregory. The mill will not be set going at present.... Mr. Vissing is operating the Monnier process, in the mill erected by Mr. Pink. He has commenced desulphurizing.... The Smith & Parmelee Company have struck very rich pay on the west end of their mine. They are running the 25-stamp mill; the Empire mill, eighteen stamps, and the Fitzpatrick mill of eight stamps.... We were handed a fine specimen taken from the Waterloo lode, Idaho district. At a depth of thirty-three feet the crevice is said to be four feet between walls.

The Sonora company have drifted into a crevice in the Agnes lode 100 feet, and have a vein of \$70 ore. They are well supplied with means for a winter's campaign. In Georgetown, Smith & Herrick have nearly completed their furnace. The Washington Company have commenced to erect large smelting works.

From the *Denver News* of Dec. 19th: A specimen from the Summit lode, Georgetown, gave by assay \$2,000 per ton.

Hoyt, Widener & Co. have just struck a solid mass or concentration of quartz veins, some 300 feet in width, on James' Creek. The rock is rich in gold, silver and lead, and is one of the finest smelting ores in Colorado. This lead is to be worked by the Aetna Tunnel Company.

The Sterling mill is crushing Bobtail ore worth from \$150 to \$200 per cord.... Hale & Co. are opening the Aetna lead just below. They have run in some 150 feet.... The 60-stamp Black Hawk mill is running on Gregory ore. Twenty stamps will soon be added.... The Briggs Company are hoisting water, preparatory to resuming operations. The Consolidated Gregory will resume full work as soon as the lower level is drained.

Five mills are now running at Empire, and turning out from two to five thousand dollars per week. Mr. Leeper's mill, with the Keith process, has not yet got down to steady work, but soon will. His works are very complete.

In the neighborhood of Georgetown, some very rich silver discoveries have recently been made, and there is a good deal of excitement about them.

A good deal of gold washing is being done all along Clear Creek, and with satisfactory results. The water has got down low, so that miners can get down into the bars, from which they were barred out all summer.

#### IDAHO.

From the *Avalanche* of Dec. 22d: In the Woodstock, the prospects are gratifying. Two lots of ore crushed in the Webfoot mill, paid something over expenses. The ledge has been so far opened that a ton of ore is extracted daily. We were shown several pounds of it on Wednesday, and it all shows rich in sulphurets of silver and much free gold. The lowest depth is twenty-seven feet. A tunnel has been started and ore will be taken out all winter. The vein has every appearance of being a true one, and is now two and one-half feet thick.

The Shoenbar mill is to start this morning. All things were in readiness yesterday and the whistle that has been silent for just a year will be heard again. Lots of ore

vian county, and copper, and yield per ton, and silver ton.

The Midas Company are gaged in mining. They own one mill permanently located. Professor and has erected a fine one for a large number. This company will be crushed.

There has been created over the around Indian can learn from section, the five miles in 1 Messrs. Coove

Helena item erer on Dec. prospects from the pan.... Pa a 24-stamp m Heald & Fro lead about hal of the Rattles Two tons of thirty-five feet an arastra... cleaned up five tons of with two ste nately the be pelled the ma

Letter to Highland G very rich lead rat and the claims being and they bel The first tak the latter at stopped in the aging from \$

George A Mining and most favorab ined by him Union: "T Hendricks a common mil per ton. T \$5,000 per c Seneca Falls pounds, by and could n of running \$20,000 per

Mr. Cope has been m 200 tons f time have y

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**MINES AND MILLS OF THE  
COMSTOCK REGION  
WESTERN NEVADA**

BY MARY B. ANSARI

CAMP NEVADA MONOGRAPH No. 8



**Aurora Mill:** Reported in 1862 to be owned by J. Mosheimer, John D. Winters, Joseph D. Winters, and G. Kustel and to be located 1/4 mile south of Dayton. At that time it had 38 stamps, 40 employees, and a 40-ton capacity; it was driven by 2 turbine wheels of 30 horsepower each. Earlier the Logan & Holmes Mill occupied the same site (Kelly, 1862, 218-19).

**Mineral Rapids Mill:** Small mill located on the Carson River below Dayton between the Dayton and Rock Point mills. In 1862 it was reported to have a 40 horsepower steam engine, 10 stamps, and 4 arastras; to work both gold and silver; and to reduce 20 tons in 24 hours. In 1865 it had 10 stamps and 14 pans, burned 3 cords of wood a day, and employed 13. It was named for the settlement of Mineral Rapids, which was laid out in 1860 on the river immediately below Chinatown (Dayton) but never thrived (Bancroft, 1862, map; GHN, 1865, June 5, 3:2; Kelly, 1862, 220).

**Illinois Mill:** Was located on the Carson River above the Rock Point Mill and about 1/4 mile below Dayton. In 1865 it was listed as a steam mill with 20 stamps and 5 pans, using 5 cords of wood a day, employing 14 men, and crushing 18 tons a day from the Yellow Jacket Mine in Gold Hill. In 1868 it was reported to be owned by the Bank of California, which was controlled by William Sharon. The 1869-70 *State Mineralogist's Report* listed it as a 20-stamp and 6-pan mill (GHN, 1865, June 5, 3:2; SMR, 1869-70, 15; TE, 1868, Jan. 21, 1:2).

**Rock Point Mill:** A Dayton State Park historical marker points out the ruins of this major mill on the west side of U.S. Highway 50 on the outskirts of Dayton. The mill was located below Dayton between the Mineral Rapids and Freeborn & Sheldon mills. In 1862 Kelly described it as "one of the most extensive establishments in the country," having a 90 x 100-foot main building, a 100 horsepower engine, 42 stamps, and a dam and race that cost approximately \$10,000. At that time 30 men were employed; the mill's reduction capacity was 50 tons a day; and it was processing ore from the Logan & Holmes Mine in Gold Hill. In 1865 it was reported to be owned by the Imperial Mining & Mill Co. In the 1866 *State Mineralogist's Report* it was listed as being steam and water-powered, burning 2 1/2 cords of wood per day, having 56 stamps and 50 pans, and crushing 56 tons a day. In the early 1870s it had 56 stamps and a 112-ton capacity but was not operating. According to the Dayton State Park historical marker at the site, the mill was destroyed by fire in 1882 and was rebuilt in 1883. Again in 1909 it was destroyed by fire and was rebuilt in 1912 by the Nevada Mining, Reduction & Power Co. with an aerial tramway carrying ore from the Haywood Mine near Silver City. A few years later the tramway was abandoned (Bancroft, 1862, map; GHN, 1865, June 5, 3:1; Kelly, 1862, 220-21; Smith, 1932, 13; SMR, 1866, 148; 1871-72, 100).

**Freeborn & Sheldons Mill:** Carson River mill located below Dayton between the Rock Point and Gautiers mills; it was originally known as Shaws Mill. Shaws Mill never became operative because the Rock Point Co. claimed and succeeded in holding the water with which the Shaw Co. expected to operate its mill. In 1862 Freeborn & Sheldons Mill was described as having a main building 75 feet square, a turbine wheel 5 feet in diameter and weighing 5,000 pounds, 24 stamps, and a 30-ton capacity; as employing 15, and as having cost approximately \$40,000 (Angel, 1881, 503; Bancroft, 1862, map; Kelly, 1862, 221).

**Gautiers Mill:** Early reduction facility shown on Bancroft's map as located on the east side of the Carson River below Dayton between the Freeborn & Sheldon and Succor mills. Kelly's 1862 directory reported it to have 10 stamps and a 15-ton capacity and to employ 8 (Bancroft, 1862, map; Kelly, 1862, 221).

**THE EVENING NEWS.**

**Mills in Lyon County.**

Believing that a list of the mills of this county, with a brief note of their capacity, would be interesting to the readers of the *Sentinel*, both at home and abroad, below we present such a list in as condensed a form as possible. Two or three of the mills were not running when we visited them, and we are therefore unable to furnish the particulars in connection therewith. We will refer to such at some other time. The business of these mills would make a very handsome footing up at the end of the year.

**Devil's Gate Mill**—Henry & Co., proprietors; Bates Henry, Superintendent; steam power, twelve stamps, ten pans; ten hands employed; four cords wood used per day; eight tons quartz crushed per day.

**Pioneer Mill**—Sheldon & Co., proprietors; J. A. Todman, Superintendent; steam power, fifteen stamps, twenty-seven pans; twelve hands employed; four and a-half cords wood used per day; twenty-two tons quartz crushed per day, from the Alleghany mine.

**Sherman & Co.'s Mill**—Sherman Bros., proprietors; Sherman & Bovee, Superintendents; water power, five stamps, two pans; two hands employed; one cord wood used per week; four tons quartz crushed per day, from the Occidental mine.

**Eagle Mill**—R. T. Mullen, proprietor and Superintendent; water power, five stamps, two pans; two hands employed; one cord wood used per week; two tons quartz crushed per day, from the Overman mine.

**Bacon Mill**—Bacon M. & M. Co., proprietors; W. F. Johnson, Superintendent; steam power, twenty stamps, seventeen pans; fifteen hands employed; six cords wood used per day; thirty tons quartz crushed per day, from the Bacon mine.

**Sparrow & Trench Mill**—Trench & Co., proprietors; D. L. Hastings, Superintendent; steam power, twenty stamps, fifteen flat and two Wheeler & Rendal pans, seven more of which will be added in a short time; fifteen hands employed; six cords wood used per day; thirty tons quartz crushed per day, from the Spender & Trench mine.

**Gold Canon Reduction Works**—Collins & Co., proprietors; steam power, twenty stamps, sixteen pans.

**Bartoli Mill**—Eight stamps and eight pans.

**Eastern Slope Mill**—Ed. McLean, proprietor; C. W. Tuzer, lessee; L. Hudgin, Superintendent; steam power, sixteen stamps, with a working capacity of twenty common sized six pans; eleven men employed; five and a half cords wood used per day; twenty tons quartz crushed per day, from the Challenge mine.

**Phoenix Mill, No. 1**—J. C. Corey, lessee; A. K. Vanderveer, Superintendent; steam power, sixteen stamps, six pans; twelve men employed; four and a half cords woods used per day; twenty-two tons quartz crushed per day, from the Crown Point mine.

**Phoenix M., No. 2**—Under the supervision of the same parties as the Phoenix No. 1; twenty stamps, thirty-four pans; eighteen men employed; six and a half cords wood used per day; thirty tons quartz crushed per day, from the Crown Point mine.

**Swansea M.**—J. Tregloan, proprietor; Sam Johns, Superintendent; steam power, fourteen stamps, twenty-two pans; ten men employed; five cords wood used per day.

**MILITARY** garrisons have been established at Gallatin and Brookhaven, Miss., for the protection of the people, who are enjoined to be peaceable. All persons remaining in arms are declared to be out-laws.

**GATHERS THEM IN.**—The pensioners of the old Revolution have got down to four. Death has packed all the rest off on his body back, and set them down in Heaven.

**JOSH BILLINGS** says: "a reliable set of bowels is of more value than any quantity of brains."

**Dr. J. F. Gibbon.**—This celebrated physician has returned to San Francisco after an absence of a year, during which time he has visited the prominent hospitals in the United States, England, Ireland, Scotland and France, and having carefully studied the different modes of treatment in these establishments, comes back with full knowledge as to proper adoption of them in the effecting of cures here. He has resumed the practice of his profession at No. 617 Kearny street, where his old patients will find him, and those who are suffering from ills which his practice will allow him to cure. His card will be found in another column. my153m

**The Remarkable Properties of BROWN'S BRONCHIAL TROCHES** have been thoroughly tested since first introduced. The demand for them has steadily increased, and purely upon their own merits they have found favor with those who, from Pulmonary, Bronchial or Asthmatic complaints, require them. For Coughs and Colds they are efficacious. my12

**MISCELLANEOUS ADVERTISEMENTS**

**H. C. KIRK & CO.,**

**IMPORTERS**

— AND —

**WHOLESALE**



**DRUGGISTS,**

**No. 43 SOUTH C STREET,**

**Four Doors from Taylor street, Virginia,**

(Jones' four story Brick Building.)

**FOR SALE:**

Acids, Blue Stone, Copperas, Oils, Paints, Sal Ammoniac, Drugs, Medicines, Glassware, Hostetter's Bitters, Herbs, Patent Medicines, Varnishes, Crucibles, Perfumery, &c.

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Summit.....	"	8	20	625	11-1	Wheeler, Varney.....	35
Union.....	"	25	14	10-650 4-500	14	.....	14
Winfield.....	"	5	18	.....	8	Hepburn.....	30
LYON COUNTY.							
Birdsall & Carpenter...	water	2	30	650	20	Wheeler.....	55
Bacon.....	steam	6	20	650	17	Wheeler.....	30
Bartolo.....	"	3	8	550	8	Knox.....	8
Cole & Co.....	"	3	8	480	4	Wheeler.....	3
Devil's Gate.....	"	5	8	900	10	Hepburn.....	14
Daney.....	"	0	15	550	15	Wooden Tubs.....	20
Dayton, No. 1.....	water	1	20	600	6	Wheeler.....	20
Dayton, No. 2.....	steam	6	15	800	8	Varney.....	15
Eagle.....	water	.....	5	400	2	Knox.....	15
Eastern Slope.....	steam	5 1/2	16	800	6	Hepburn.....	20
Excelsior.....	"	3	10	650	18	Knox.....	18
Eureka.....	water	.....	20	650	8	Wheeler.....	22
Franklin.....	"	4	10	600	8	Knox.....	12
Golden Eagle.....	steam	3 1/2	10	850	23	Tubs.....	13
Illinois.....	"	5	20	400	5	Hepburn.....	20
Iceland.....	"	2	10	650	11	Tubs.....	14
Lindauer & Co.....	st'm & water	2 1/2	15	480	10	Wheeler.....	20
Metallurgical Works.....	steam	5	15	700	6	Wheeler.....	16
Monitor.....	water	.....	5	450	2	Wheeler.....	3
New York & Nevada.....	steam	5 1/2	20	530	17	Hepburn.....	25
Ophir.....	st'm & water	2 1/2	24	600	15	Hepburn.....	35
Pioneer.....	steam	6	15	700	16	Tubs and Wheeler.....	20
Phoenix, No. 1.....	"	6	15	680	8	Tubs and Wheeler.....	19
Phoenix, No. 2.....	"	7	20	834	34	Tubs.....	28
Palmyra.....	"	4 1/2	10	650	12	Tubs.....	15
Rock Point.....	st'm & water	2 1/2	56	550	50	Tubs and 6 Hepburn.....	60
Sparrow & Trench.....	steam	6	20	600	19	.....	25
Sherman & Co.....	water	.....	5	400	2	.....	4
Swansea.....	steam	5	14	900	22	Tubs.....	20
Smith, D. L.....	water	.....	5	450	4	Tubs.....	4
Sacramento.....	steam	5	12	750	12	Tubs.....	18
San Francisco.....	st'm & water	3	10	650	7	4 Tubs and Wheeler.....	14
Weston & Co.....	steam	4	15	650	9	Wheeler.....	14
Weston & Co.....	water	.....	10	450	8	Tubs.....	11

Dismantled.

One of these Mills destroyed by fire 1866.



ANNUAL REPORT  
OF THE  
STATE MINERALOGIST  
OF THE  
STATE OF NEVADA  
FOR 1866.

CARSON CITY:  
JOSEPH E. ECKLEY, STATE PRINTER.  
1867.

Tabular list of mills crushing ore from mines

on the Comstock lode during the year 1866.

Names.	Owners.	Location.	When built.	Estimated cost.	Assessed value.	Native power.	Horse power.	STAMPS.				WHEELS.		WATER.		WOOD.	
								Number.	Weight, pounds.	Drop in inches.	Drops per minute.	Kind.	Diameter, feet.	Fall, feet.	Amount, inches.	Cords per day.	Cost per cord.
STOREY COUNTY.																	
Atlas.	Haggin & Tevis.	Lower Gold Hill.	1861	\$35,000	\$21,000	.....	36	15	600	.....	.....	.....	.....	.....	.....	4 1/2	\$13
Atwood's.	George Atwood.	Flowers (Six Mile-Creek)	.....	35,000	10,000	.....	.....	16	.....	.....	.....	.....	.....	.....	.....	4	.....
Bay State.	Bay State Mill Co.	American Flat	.....	40,000	24,000	.....	.....	23	.....	.....	.....	.....	.....	.....	.....	6	.....
Bowers.	L. S. Bowers.	Crown Point Ravine, (G. H.)	.....	160,000	15,000	.....	.....	20	{ 10-600 }	9	70	.....	.....	.....	.....	4	14
Central.	J. B. Dickenson.	Virginia.	.....	75,000	35,000	.....	.....	13	{ 10-700 }	.....	.....	.....	.....	.....	.....	8	.....
Crown Point (1).	Crown Point G. & S. M. Co.	Crown Point Ravine, (G. H.)	1862	40,000	20,000	.....	36	8	500	9	70	.....	.....	.....	.....	5	14
Comet (1).	New York & Nevada M. Co.	Gold Hill.	.....	40,000	20,000	.....	.....	16	.....	.....	.....	.....	.....	.....	.....	4 1/2	14
Douglas (1).	C. S. Wheeler.	Lower Gold Hill.	1862	40,000	19,000	.....	.....	10	650	8	78	.....	.....	.....	.....	4	12 1/2
Eclipse.	Eclipse M. & M. Co.	Gold Hill.	.....	50,000	35,000	.....	.....	15	.....	.....	.....	.....	.....	.....	.....	4	14
Empire State.	Wm. Sharon, Agent.	Seven Mile Cañon.	.....	35,000	8,000	.....	.....	15	.....	.....	.....	.....	.....	.....	.....	5 1/2	15
Empire No. 1 (1).	W. S. Hobart.	Virginia.	1860	75,000	12,000	.....	60	16	650	9	80	.....	.....	.....	.....	8	14
Empire No. 2 (1).	Empire M. & M. Co.	Lower Gold Hill.	1860	80,000	20,000	.....	60	16	650	9	80	.....	.....	.....	.....	8	14
Gold Hill.	Gold Hill Q. M. & M. Co.	Gold Hill.	1860	30,000	20,000	.....	45	14	{ 6-750 }	7 1/2	84	.....	.....	.....	.....	3	14
Gould & Curry.	Gould & Curry M. Co.	Seven Mile Cañon.	.....	380,000	325,000	.....	.....	80	.....	.....	.....	.....	.....	.....	.....	20	.....
Hoosier State.	Clark & Heurst.	Virginia.	1862	40,000	14,750	.....	20	8	750	9	70	.....	.....	.....	.....	3 1/2	14
Imperial.	Imperial S. M. Co.	Lower Gold Hill.	1860	75,000	20,000	.....	60	44	600	8	.....	.....	.....	.....	.....	6	14
Lamb's.	Charles Lamb.	Seven Mile Cañon.	.....	60,000	15,000	.....	.....	20	.....	.....	.....	.....	.....	.....	.....	5 1/2	.....
Mariposa.	J. V. McCurdy.	do.	.....	20,000	10,000	.....	(1) 12	4	.....	.....	.....	.....	.....	.....	.....	4	.....
Marysville (1).	O'Neale, Rule & Glasier.	Lower Gold Hill.	.....	50,000	19,000	.....	9	5	.....	.....	.....	.....	.....	.....	.....	5	.....
Ogdon.	O. S. Carvill.	Virginia.	.....	50,000	21,000	.....	22	6	.....	.....	.....	.....	.....	.....	.....	6	.....
Pacific.	Sparron & Co.	Lower Gold Hill.	1863	75,000	15,000	.....	80	30	650	10	72	.....	.....	.....	.....	8	14
Petaluma (1).	Greely Bros.	do.	.....	30,000	12,000	.....	30	10	700	.....	.....	.....	.....	.....	.....	3 1/2	14
Piute.	M. Livingston.	do.	1863	80,000	12,000	.....	60	20	660	10	80	.....	.....	.....	.....	5 1/2	14
Rhode Island.	Crown Point G. & S. M. Co.	Gold Hill.	1862	100,000	48,000	.....	(1) 150	25	650	10	80	.....	.....	.....	.....	8	14
Rigby's (1).	Rigby & Co.	American Flat.	.....	25,000	10,000	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	4	.....
Rogers's (1).	Rogers S. M. Co.	Seven Mile Cañon.	1862	23,000	13,000	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	3 1/2	.....
Sapphire.	W. S. Hobart.	Lower Gold Hill.	1861	60,000	23,000	.....	45	16	750	9	80	.....	.....	.....	.....	5	13 1/2
Simcoe.	A. Bassett & Co.	Seven Mile Cañon.	.....	35,000	15,000	.....	16	.....	.....	.....	.....	.....	.....	.....	.....	5	.....
Stevensson's (1).	C. C. Stevensson.	Gold Hill.	1860	15,000	15,000	.....	(3) 8	8	500	6	76	.....	.....	.....	.....	2 1/2	14
Succor (1).	O'Neale, Rule & Co.	Lower Gold Hill.	.....	50,000	20,000	.....	20	.....	625	70	.....	.....	.....	.....	.....	6	.....
Summit.	Mason, Carville & Wright.	Virginia.	(1)	50,000	20,000	.....	20	.....	.....	.....	.....	.....	.....	.....	.....	6	14
Union.	Wm. Kidd.	Gold Hill.	1861	25,000	10,000	.....	40	14	{ 10-650 }	10	60	.....	.....	.....	.....	2 1/2	14
Winfield.	L. A. Booth.	Seven Mile Cañon.	.....	80,000	19,000	.....	18	.....	{ 4-500 }	.....	.....	.....	.....	.....	.....	5	.....
Total.	33	.....	.....	2,000,000	613,750	.....	607	.....	.....	.....	.....	.....	.....	.....	.....	180 1/2	.....
LYON COUNTY.																	
Bacon.	Lowe & Fair.	Silver City.	1863	\$85,000	.....	.....	60	20	720	10	75	.....	.....	.....	.....	8	\$1
Birdsall & Carpenter.	Birdsall & Carpenter.	Dayton.	1865	(1) 110,000	.....	.....	30	30	613	9	85	Overshot.	50	.....	.....	1	16
Cole & Co.	Cole & Co.	Johnstown.	1864	10,000	.....	.....	20	5	480	9	65	.....	.....	.....	.....	2	10
Confidence.	Confidence M. Co.	Silver City.	1861	35,000	.....	.....	35	(1) 12	900	.....	.....	.....	.....	.....	.....	5	.....
Dayton No. 1.	Winters, Rustell & Co.	Dayton.	1861	50,000	.....	.....	20	.....	600	10	75	2—central discharge.	5 1/2	12	1,500	1	8 1/2
Dayton No. 2 (1).	do.	do.	1864	40,000	.....	.....	60	15	800	10	75	.....	.....	.....	.....	5	8 1/2
Daney.	Daney M. & M. Co.	3 miles from Dayton.	1863	70,000	.....	.....	45	15	550	.....	.....	.....	.....	.....	.....	6	.....
Eagle.	.....	Silver City.	1864	.....	.....	.....	5	.....	400	.....	.....	Overshot.	37	.....	100	1	.....
Eastern Slope.	Stevenson, Winters & Co.	Below Silver City.	1863	80,000	.....	.....	60	12	1,100	10	50	.....	.....	.....	.....	6	11
Eureka.	Wheeler, Hurd & Dunker.	Carson River, near Dayton.	1861	100,000	.....	.....	20	.....	650	.....	.....	Turbine.	.....	2,500	3	.....	
Excelsior.	John Briggs.	Johnstown.	1861	25,000	.....	.....	40	10	650	.....	.....	.....	.....	.....	.....	2 1/2	.....
Franklin.	Wm. Sharon, agent.	Carson River, near Dayton.	1861	50,000	.....	.....	10	.....	600	.....	.....	Central discharge.	.....	2,500	2	.....	
Gold Cañon Reduc- tion Works.	Wm. Sharon, agent.	Silver City.	1861	40,000	.....	.....	30	15	700	9	75	.....	.....	.....	.....	6	12
Golden Eagle.	O'Neale, Rule & Co.	Carson River, near Dayton.	1861	.....	.....	.....	40	10	850	.....	.....	.....	.....	.....	.....	3 1/2	.....
Illinois.	Wm. Sharon, agent.	do.	1864	30,000	.....	.....	30	20	400	.....	.....	.....	.....	.....	.....	5	10
Imperial (Rock Pt).	Imperial M. Co.	do.	1861	250,000	.....	.....	50	50	{ 16-600 }	8 1/2	80	2—Overshot.	{ 1-14 }	14 1/2	3,600	6 1/2	10
Island.	O'Neale, Rule & Co.	do.	1862	40,000	.....	.....	25	10	720	.....	.....	Central discharge.	2 1/2	1,800	4	.....	
Monitor.	Hirschman & Co.	Gold Cañon, near Dayton.	1865	6,000	.....	.....	5	.....	450	.....	.....	.....	.....	32	32	1,200	1
Ophir (New).	Ophir S. M. Co.	Carson River.	1864	75,000	.....	.....	40	24	850	.....	.....	Turbine.	10	14	.....	1 1/2	10
Phoenix No. 1 (1).	Hentsch and Berton.	Below Silver City.	1861	40,000	.....	.....	45	16	650	.....	.....	.....	.....	.....	.....	6	.....
Pioneer (1).	Sheldon & Hickok.	Silver City.	1861	40,000	.....	.....	45	15	700	.....	.....	.....	.....	.....	.....	6	.....
Sacramento (1).	Hunt, Woodruff & Co.	Johnstown.	1861	50,000	.....	.....	10	12	750	.....	.....	.....	.....	.....	.....	5	.....
San Francisco.	Charles Schad.	Carson River, near Dayton.	1861	40,000	.....	.....	30	10	650	.....	.....	Central discharge.	10	1,100	3	.....	
Swansea.	W. Sharon, agent.	Johnstown.	1862	60,000	.....	.....	40	12	900	.....	.....	.....	.....	.....	.....	5	.....

REPORT  
OF  
J. ROSS BROWNE  
ON THE  
MINERAL RESOURCES  
OF THE  
STATES AND TERRITORIES WEST OF THE ROCKY MOUNTAINS.

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PUBLISHED BY H. H. BANCROFT & CO.,  
SAN FRANCISCO, CALIFORNIA.  
1868.



Tabular list of mills crushing ore from mines and smelters, and the amount of ore crushed during the year 1866—Continued.

Names.	Owners.	Location.	When built.	Tons capacity.	Miles from mine.	Cost of water per month.	Tubs.	PANS.				Settlers.	Agitators.	Breakers.	Grinders.	Crushing capacity per month, tons.
								Knox.	Wheeler.	Hepburn.	Varney.					
STOREY COUNTY.																
Atlas	Haggin & Tevis	Lower Gold Hill.	1861	25	1	\$250			2	8		4				750
Atwood's	George Atwood	Flowery (Six Mile Creek)		20	1			20	14			7				1,000
Bay State	Bay State Mill Co.	American Flat.		35	0	250							1			750
Bowers	L. S. Bowers	Crown Point Ravine, (G. H.)		25	1	100		(2)	30	(2)	4	(2)	4			670
Central	J. B. Dickenson	Virginia.		12	0	100								1		250
Crown Point (1)	Crown Point G. & S. M. Co.	Crown Point Ravine, (G. H.)	1862	8	0	75	6		8							600
Comet (1)	New York & Nevada M. Co.	Gold Hill.		20	0	350								1		415
Douglas (1)	C. S. Wheeler	Lower Gold Hill.	1862	16	1	75										700
Eclipse	Eclipse M. & M. Co.	Gold Hill.		25	0	300					8				12	700
Empire State	Wm. Sharon, agent.	Seven Mile Cañon.		15	3			(1)	30	2	12					900
Empire No. 1 (1)	W. S. Hobart	Virginia.	1860	30	1	300				12			6			1,000
Empire No. 2 (1)	Empire M. & M. Co.	Lower Gold Hill.	1860	33	1	300							4			475
Gold Hill	Gold Hill Q. M. & M. Co.	Gold Hill.	1860	17	1	225	(1)	5	24							3,500
Gould & Curry	Gould & Curry M. Co.	Seven Mile Cañon.		100	2					39	3	21				400
Hoosier State	Clark & Hearst.	Virginia.	1862	13	2	200		(1)	24					3		1,100
Imperial	Imperial S. M. Co.	Lower Gold Hill.	1860	30	1	300			74						1	1,000
Land's	Charles Land.	Seven Mile Cañon.		30	3				10					(B)	1	2
Mariposa	J. V. McCurdy	do		15	2	150			2	6		(2)	3			600
Marysville (1)	O'Neale, Rule & Glasier.	Lower Gold Hill.		18	1	75								2		500
Ogdon	O. S. Carvill	Virginia.		20	1				12				4			1,000
Pacific	Sharon & Co.	Lower Gold Hill.	1863	50	1	400			15			(1)	5		2	1,305
Petaluma (1)	Greely Bros.	do		12	1	150			18			(1)	6			300
Piute	M. Livingston	do	1863	40	1	300				12		(1)	6		1	1,200
Rhode Island	Crown Point G. & S. M. Co.	Gold Hill.	1862	50	1	400		(2)	13				4			1,350
Rigby's (1)	Rigby & Co.	American Flat.		12	2	150										400
Rogers (1)	Rogers S. M. Co.	Seven Mile Cañon.	1863	12	3											360
Sapphire	W. S. Hobart	Lower Gold Hill.	1861	28	1	250			56					1	1	850
Suncoot	A. Bassett & Co.	Seven Mile Cañon.		25	3		2		(1) 4	2						700
Stevenson's (1)	C. C. Stevenson	Gold Hill.	1860	5	1	30			10	(3) 1						150
Sutro (1)	O'Neale, Rule & Co.	Lower Gold Hill.		26	2	150					3		1			600
Summit	Mason, Carville & Wright.	Virginia.	(1)	35	1	300			11		(2)	1	4			900
Union	Wm. Kidd	Gold Hill.	1861	14	2	200	14							1		400
Winfield	L. A. Booth	Seven Mile Cañon.		30	2					8				(B)	1	1,000
Total	33			846	48	5,380	27	305	91	93	9	101	17	4	8	26,820
LYON COUNTY.																
Bacon	Lowe & Fair	Silver City	1863	30	3								4			1,900
Birdsall & Carpenter	Birdsall & Carpenter.	Dayton	1865	75	7				20			(2)	10	5	(B)	125
Cole & Co.	Cole & Co.	Johnstown	1864	5	5				4							650
Confidence	Confidence M. Co.	Silver City	1861	14	2						8		5			500
Dayton No. 1	Winters, Kilstell & Co.	Dayton	1861	20	7				6			(2)	2	(3)	2	800
Dayton No. 2 (1)	do	do	1864	30	7								4			500
Daney	Daney M. & M. Co.	3 miles from Dayton	1863	20	0		\$15									40
Eagle	do	Silver City	1864	10	3				2							550
Eastern Slope	Stevenson, Winters & Co.	Below Silver City.	1862	20	3					6		(1)	3		1	1,100
Eureka	Wheeler, Hurd & Dunker.	Carson River, near Dayton	1861	22	6				10				5		(1)	530
Excelsior	John Briggs	Johnstown	1861	18	5				18				1			500
Franklin	Wm. Sharon, agent.	Carson River, near Dayton	1861	16	8		5			2			2			500
Gold Cañon Reduction Works	Wm. Sharon, agent.	Silver City	1861	25	3			(1)	7		6					1600
Golden Eagle	O'Neale, Rule & Co.	Carson River, near Dayton	1861	18	7				24				1			500
Illinois	Wm. Sharon, agent.	do	1864	18	7								2			500
Imperial (Rock Pt.)	Imperial M. Co.	do	1861	00	7		(1)	27		14		(1)	7	3	(B) (2) 1	12,400
Island	O'Neale, Rule & Co.	do	1862	19	7											500
Monitor	Hirschman & Co.	Gold Cañon, near Dayton	1865	3	7				2							75
Ophir (New)	Ophir S. M. Co.	Carson River	1864	40	7					12			6			1,200
Phoenix No. 1 (1)	Hentsch & Berton.	Below Silver City.	1861	20	3								4			500
Pioneer (1)	Sheldon & Hickok	Silver City	1861	23	2											550
Sacramento (1)	Hunt, Woodruff & Co.	Johnstown	1861	18	5									1		500
San Francisco	Charles Schad	Carson River, near Dayton	1861	14	0					3						500
Swansen	W. Sharon, agent.	Johnstown	1862	20	4		(1)	22					3			600

\*Soon will be 1,200 per month.

†750 tons per month; October 15, 1866.

‡Now 2,800 tons.

REPORT

OF

J. ROSS BROWNE

ON THE

MINERAL RESOURCES

OF THE

STATES AND TERRITORIES WEST OF THE ROCKY MOUNTAINS.

---

PUBLISHED BY H. H. BANCROFT & CO.,  
SAN FRANCISCO, CALIFORNIA.  
1868.

NAME.	Motive Power.	Cords Wood p Day.	No. of Stamps.	Weight of Stamps.	No. of Pans.	Nature of Pans.	Crushing Capacity Tons per Day.	REMARKS.
STOREY COUNTY.								
Atlas.	steam	4 1/2	15	600	8	Hepburn	23	
Atwood.	"	4 1/2	16		26-2	Knox, Wheeler	20	
Bay State.	"	6	23		14	Wheeler	35	
Bower's.	"	4	20	10-600 10-700	30	Knox	25	
Central.	"	8	13		4	Hepburn	12	
Crown Point.	"	5	8	500	8	Knox	8	
Comet.	"	4 1/2	16				20	
Douglas.	"	4	10	650	26	Plain	16	
Eclipse.	"	4	15		8	Hepburn	25	
Empire, No. 1.	"	5 1/2	21	650	29		30	
Empire, No. 2.	"	8	16	650	12	Wheeler	32	
Empire State.	"	5	15		20-2-2	Knox, Wheeler, Hepburn	15	
Gold Hill.	"	3	14	8-600 6-750	24	Knox	17	
Granite.	"							
Gould & Curry.	"	20	80		39-3	Hepburn, Varney	100	Refitting.
Hoosier State.	"	3 1/2	8	750	24	Knox	12	
Imperial.	"	6	44	600	74	Knox		
Land's.	"	5 1/2	20		10	Wheeler	30	
Mariposa.	"	4	12		2-6	Knox, Wheeler	15	
Marysville.	"	5	9		30	Plain	18	
Ogden.	"	6	22		12	Wheeler	20	
Pacific.	"	8	30	650	15	Wheeler	50	
Petaluma.	"	3 1/2	16	700	18	Knox	26	
Plute.	"	5 1/2	20	650	12	Hepburn	30	
Rhode Island.	"	8	25	650	13-8	Knox, Hepburn	40	
Rigby's.	"	4	10		5	Varney	12	
Rogers.	"	3 1/2	8				12	
Sapphire.	"	5	16	750	56	Knox	28	
Simcoe.	"	5	16		8	Tubs, Wheeler, Hepburn	25	
Stevenson's.	"	2 1/2	8	500	10	Knox	10	
Succor.	"	6	20				26	

NEVADA STATE  
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Summit.	"	6	20	625	11-1	Wheeler, Varney	35	
Union.	"	2 1/2	14	10-650 4-500	14		14	
Winfield.	"	5	18		8	Hepburn	30	
LYON COUNTY.								
Birdsall & Carpenter.	water	2	30	650	20	Wheeler	55	
Bacon.	steam	0	20	650	17	Wheeler	30	
Bartolo.	"	3	8	550	8	Knox	9	
Cole & Co.	"	3	5	480	4	Wheeler	3	
Devil's Gate.	"	5	8	900	10	Hepburn	14	
Dancy.	"	6	15	550	15	Wooden Tubs	20	
Dayton, No. 1.	water	1	20	500	6	Wheeler	20	
Dayton, No. 2.	steam	6	15	800	8	Varney	15	
Eagle.	water		5	400	2	Knox	15	
Eastern Slope.	steam	5 1/2	16	800	6	Hepburn	20	
Excelsior.	"	3	10	650	18	Knox	18	
Eureka.	water		20	650	8	Wheeler	22	
Franklin.	"	4	10	600	8	Knox	12	
Golden Eagle.	steam	3 1/2	10	850	25	Tubs	13	
Illinois.	"	5	20	400	5	Hepburn	20	
Island.	"	2	19	650	11	Tubs	14	
Lindauer & Co.	st'm & water	2 1/2	15	480	10	Wheeler	20	Dismantled.
Metallurgical Works.	steam	5	15	700	6	Wheeler	16	
Monitor.	water		5	450	2	Wheeler	3	
New York & Nevada.	steam	5 1/2	20	550	17	Hepburn	25	
Ophir.	st'm & water	2 1/2	24	600	15	Hepburn	35	
Pioneer.	steam	6	15	700	15	Tubs and Wheeler	20	
Phoenix, No. 1.	"	6	15	650	8	Tubs and Wheeler	19	One of these Mills destroyed by fire during 1866.
Phoenix, No. 2.	"	7	20	534	34	Tubs	28	
Pulmyra.	"	4 1/2	10	650	12	Tubs	15	
Rock Point.	st'm & water	2 1/2	56	550	50	Tubs and 6 Hepburn	60	
Sparrow & Trench.	steam	6	20	600	19		25	
Sherman & Co.	water		5	400	2		4	
Swansea.	steam	5	14	900	22	Tubs	20	
Smith, D. L.	water		5	450	4	Tubs	4	
Sacramento.	steam	5	12	750	12	Tubs	18	
San Francisco.	st'm & water	3	10	650	7	4 Tubs and Wheeler	14	
Weston & Co.	steam	4	15	550	9	Wheeler	14	
Weston & Co.	water		10	450	8	Tubs	11	

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REPORT OF THE

NEVADA

1869-1870

BELCHER.

Within the past two years twenty thousand tons of ore, yielding on an average \$17 per ton, have been obtained from this mine, nearly all from the upper levels. The deepest openings are eight hundred and fifty feet below the surface. At this depth the vein is nearly barren, showing only traces of gold and silver.

## LUCERNE MINE.

This mine is situated near Devil's Gate, Silver City, southeast from Gold Hill. It is opened by a shaft and tunnels to the depth of three hundred feet. The vein is well defined and the walls have clay linings. The ore produces on an average \$10 per ton. The bullion assays \$3 50 per ounce in silver, and \$6 50 in gold. The ore is easily reduced, and the mine is worked without difficulty. The vein dips east about 45°. The country rock on the west is granite; on the east it is propolite.

WALLER'S DEFEAT, ST. LOUIS, SUCCOR,

And other mines are on the same vein, and are worked very similarly to the Lucerne, and have the same characteristics and productiveness.

## LYON COUNTY.

The natural resources described in my last report as peculiar to this county, have undergone but little change. Some developments have been made, but the results are not particularly marked. Public schools and churches have been prospered, and some improvements are perceptible.

The official returns fix the popular vote, at the last general election, at six hundred and thirteen, being two hundred and eighteen less than the vote cast two years ago.

The mines in Spring Valley District, three miles west from Dayton, have recently received some attention—several abandoned claims have been relocated, and a mill with ten stamps is being erected.

In Devil's Gate District, ore of a low grade is being extracted from the Hope, Buckeye and other mines. These mines were never developed to a great extent, and will probably produce large quantities of ore.

Owing to the fine water privileges afforded by the Carson River, and the facilities of access to the mines, principally in Storey County, there are a large number of mills in Lyon County.

The Atlanta has ten stamps and six pans.

The Birdsell has thirty stamps and forty pans.

The Bacon has twenty stamps and ten pans.

The Carson Valley has twenty stamps and ten pans.

The Daney has twenty stamps and ten pans.

Dayton Reduction has six pans.

Devil's Gate has twelve stamps and ten pans.

Excelsior has ten stamps and twenty pans.

Eureka has twenty stamps and eight pans.

Eagle Mill has two pans and four arastras.

Franklin has ten stamps and four pans.

Hope has ten stamps and six pans.

Island has ten stamps and four pans.

Illinois has twenty stamps and six pans.

Keystone has five stamps and six pans.

Kelsey has fifteen stamps and six pans.

Pioneer has fifteen stamps and ten pans.

Phoenix has fifteen stamps and ten pans.

Rock Point has fifty-six stamps and forty-three pans.

Swansea has twelve stamps and ten pans.

Sacramento has fifteen stamps and eight pans.

San Francisco has ten stamps and eight pans.

Sherman has five stamps and four pans.

Tailings Mill has two pans.

Woodworth has twenty-four stamps and twelve pans.

Winter's has two stamps, two pans and two arastras.

Weston has fifteen stamps and nine pans.

French has twenty stamps and eighteen pans.

The copper mines, twenty-five miles southeast from Dayton, are not worked.

## SUTRO TUNNEL.

This tunnel was commenced in 1869, and has been prosecuted with commendable energy. It is run westward from the face of the foot-hills north of Dayton, so as to intersect the Comstock ledge at right angles at the depth of two thousand one hundred and seventy-two feet. It has been driven sixteen hundred and fifty feet. A stream, affording about twenty-five inches of water, flows from it. No valuable veins of ore have as yet been found.

It is proper to state that a large number of the mills are not running, the supply of ore having ceased.

## CHURCHILL COUNTY.

There has been but little progress in the developments of the natural resources of this county within the past two years. The completion of the Central Pacific Railroad withdrew the travel and transportation almost entirely from the Overland Mail Road; consequently business ceased, and many of the stations along that road have been abandoned. The agricultural lands along the Carson River and about the Carson Lake and Sink have produced well.

The popular vote of the county at the late general election was eighty-seven; sixty-four votes less than were cast in November, 1868.

The soda mine, near Ragtown, has been opened to the depth of twelve or fifteen feet. It is situated in a small basin on the southwestern border of the desert surrounding the sink of the Carson and Humboldt Rivers. There is a pond or small lake near by, perhaps three quarters of a mile in length and from a quarter to half a mile in width, and said to be of great depth.

The water collects in the soda basin during the rainy season, and afterward gradually evaporates, leaving the soda beautifully crystalized over a space of from one to two acres in extent. From the developments recently made, it seems that this deposit has an unknown depth, and consists

ILLINOIS MILL



30  
8/27/1866 (DAYTON) ILLINOIS <sup>MILK</sup> SHERIFF SALE 4973  
TO WILLIAM SHARON

4973  
This Indenture made this Thirtieth day of August  
not in the year One thousand eight hundred and  
sixty six Between George W. Sharo Sheriff of Lyon  
County State of Nevada of the first part and  
William Sharon of Virginia in the County of Storey  
State of Nevada of the second part It is covenanted  
whereas and by a certain judgement or de-  
cree made and entered by the District Court of  
the third judicial District of the State of Nevada  
in and for the County of Lyon on the 23<sup>rd</sup> day of  
January A.D. 1866 in a certain action then pending  
in said Court wherein William Sharon was plain-  
tiff and William M. Brown Charles J. Resler M. K.  
French J. P. French Henry Davis and J. H. Mead and  
John M. Cain Comprising firm of Mead & M. Cain  
and E. P. Kane and Albert Gallatin Comprising  
firm of Kane & Gallatin were defendants It  
was among other things ordered and adjudged and  
decreed that all and singular the mortgaged  
premises described in the Complaint in said  
action and specially described in said judg-  
ment or decree be sold at public auction by  
the Sheriff of Lyon County Nevada to the highest  
bidder and according to the course and practice  
of said Court that such sale be made after due  
public notice having been given at a time and place  
in said Court specified that any of the parties to said  
action might become the purchaser at such sale and  
that said Sheriff execute the usual certificates and  
deeds to the purchaser or purchasers as required by  
law And whereas the said Sheriff did at the Court of  
Storey District Court in the County of Storey State of Ne-  
vada on the 23<sup>rd</sup> day of January A.D. 1866 after due public notice having been  
as required by law after which said sale and



practices of said Court duly sell at public auc-  
 tion in the Town of Dayton County of Lyon agree-  
 able to the said judgment or decree and the provisions  
 of Law the premises in the said judgment or decree  
 mentioned at which sale the said premises under  
 judgment or decree and hereinafter described  
 were fairly struck off to William Sharon the pur-  
 chaser of the second part for the sum of thirteen thousand  
 and nine hundred and fifty Dollars (\$13,950.) he  
 being the highest bidder and there being the highest  
 sum bid for the same and whereas the said por-  
 ty of the second part thereupon paid to the said Sher-  
 iff the said sum of money to be due by him and  
 whereas the said Sheriff thereupon made and issued  
 the usual certificate in duplicate of the said sale  
 in due form of law and delivered one thereof to the  
 said purchaser and caused the other to be filed in the  
 County Recorder's Office of Lyon County and  
 whereas more than six months have elapsed since  
 the date of said sale and no redemption has been  
 made of the premises or sold as aforesaid by or on  
 behalf of the said judgment debtor or for or be-  
 half of any other person. Now the said  
 Court doth order that the said party of the first part the said Sher-  
 iff be and he is to carry out and effect the sale so made by him  
 as aforesaid in pursuance of said judgment or de-  
 cree and in conformity to the Statute in such case  
 made and provided and also in consideration of  
 the premium and of the said sum of thirteen thousand  
 and nine hundred and fifty Dollars he bid and paid  
 thereon by the said purchaser the said party of the sec-  
 ond part be excepted whereby the said party of the first  
 part is bound and sold and conveyed and by these  
 presents doth give to the said party of the first part

land part of the second part and to his heirs and the assigns forever. All that certain tract or piece or parcel of land situate lying and being in the Town of Dayton County of Iowa State of Nevada surveyed for Mr. William Charles Beeler, of Much and Much Ranch by John Day County Surveyor of Iowa County on the 23<sup>rd</sup> day of November A.D. 1864 and described as follows.

Beginning at a stake marked "Brown Ranch Co. No. 1" on the west bank of the Old Channel of Carson River and running thence 1. North thirty four degrees and thirty minutes West ( $N. 34^{\circ} 30' W.$ )

Five hundred and fifty (550) feet crossing water in then thousand (100) feet to a stake marked

"Brown Ranch Co. No. 2" thence 2. South thirty nine degrees West ( $S. 39^{\circ} W.$ ) One thousand and fifty five (1055) feet crossing back water to a stake marked

"Brown Ranch Co. No. 3" on east side and near Rock Point then 3. South Eight degrees East ( $S. 8^{\circ} E.$ ) One thousand and forty five (1445) feet up and near Rock Point to a stake marked

"Brown Ranch Co. No. 4" thence 4. North thirty seven degrees East ( $N. 37^{\circ} E.$ ) One thousand and

thirty (1330) feet crossing water in a hole running to and on the bank and two (200) feet to place of

beginning containing two and thirty hundredths ( $2 \frac{30}{100}$ ) of an acre. Bounded November 24<sup>th</sup> A.D. 1866 on Bank of Carson River by John Day County Nevada. That the

Quarry mentioned could be found known as the "Dayton Mill" afterward "God Property" Quarry well

and now known as the "Clinton Quarry Mill" "Boyle's

with all and singular tenements hereditaments and

Chasing Engine Poles Wagon Batteries and all goods

tools and appurtenances with the above described premises



res. belonging or in any wise appertaining and the  
 reversion and reversions. Remainders and remainders  
 unto. issues and profits thereof. And also all the co-  
 tate & good title interest. Property. Possession. claim and  
 demand whatsoever as well in law as in equity of  
 the said party of the first part and of the said de-  
 fendants in said action hereinbefore claimed or any  
 of them of in and to the above described premises  
 and every part and parcel thereof. To have and  
 To Hold all and singular the premises above men-  
 tioned and described and hereby conveyed or  
 intended to be together with the appurtenances  
 unto the said party of the second part his  
 heirs and assigns to have and to them and their  
 use benefit and behoof forever. In witness  
 Whereof the said party of the first part to these presents  
 hath hereunto set his hand and seal the day and  
 year first above written.

Signed & delivered in presence of George W. Shaw (seal)  
 of St. W. Rufell & Sheriff of Lyon Co. Nev.  
 State of Nevada § 63.  
 County of Lyon §

On the Eighth day of September  
 1866 before me St. W. Rufell Recording and for  
 said County personally appeared George W.  
 Shaw Sheriff of Lyon County Nevada known to  
 me to be the person described in and who executed  
 the foregoing instrument who acknowledged to  
 me that he executed the same freely and volunta-  
 rily as such Sheriff and for the use and purpo-  
 ses herein mentioned. Witness my hand and  
 Official Seal the date last above written.

(Seal)

St. W. Rufell

Recorder of Lyon Co. Nev.

Therein duly commissioned and sworn personally appeared J. W. Allen whose name is subscribed to the annexed Instrument as a party thereto who is personally known to me to be the individual described in and who executed the annexed Instrument and who said J. W. Allen duly acknowledged to me that he executed the same freely and voluntarily and for the uses and purposes therein mentioned.



In Witness Whereof I have hereunto set my hand and affixed my official seal at my Office in said County the day and year last above written.

L. C. Concklin

County Recorder

Recorded at request of J. W. Allen August 29<sup>th</sup> A.D. 1871 at 45 min past 8 A.M. L. C. Concklin, County Recorder of Litchfield County, Conn.

6/25/1870 DAVIS MILL & ILLINOIS MILL  
OWNED BY WILLIAM SHARON

§ 208. Title To William Sharon.

Know all men by these Presents that Whereas William Hayden late Judge of the District Court of the Fourth Judicial District within and for the County of Litchfield State of Connecticut did on the Twenty-fifth day of June A.D. one thousand eight hundred and seventy as Judge of said District Court and in trial for the several and thought of the occupants of the Town of Dayton Litchfield County, Connecticut according to their respective interests receive from the Commissioner of the United States Patent and title to the east half the east west quarter of the North west quarter and the east half of the south west quarter of section twenty three the west half of the east quarter of the North west quarter of section twenty four and the west half of the North west quarter of section twenty five in the District of lands subject to sale at auction by the United States containing eight hundred and forty acres and Whereas by act of the Legislature Assembly of the State of Connecticut approved February twenty-fourth A.D. one thousand eight hundred and sixty one and all acts amendatory thereof it was made my duty as Judge and Justice of the Peace to grant and convey the title to each and every of the several parcels of the aforesaid lands to the person or persons who would be entitled to the same according to his or their respective rights or interests in the same in payment of his or their taxes and the proportion of the purchase money for said land and for a new paper and the proportion of other expenses attending the execution of said trust. And Whereas William Sharon is the owner of and is entitled to receive a deed in fee simple for the aforesaid land herein after described from the said J. W. Allen late Judge and Justice of the Peace and as such Judge and Justice in consideration of his



and of the sum of Six Hundred and Ninety Eight Dollars (\$698.51) Dollars the amount and full portion of the purchase money and expenses attending the execution of said deed due from the said William S. Haron the receipt whereof is highly acknowledged Do Grant and convey to William S. Haron his heirs and assigns in full sample the following lots or parcels of land to wit: A lot known as the Winters survey commencing at a point in the center of Carson River about 600 chains South of Green Quartz Mill formerly owned by Logan & Holgers and running thence S. 11° 15' W. 123.71 chains to a point in the center of Carson River thence N. 68° W. 75.0 chains thence S. 25° 45' W. 68.0 chains thence S. 52° 30' W. 42.00 chains thence S. 39° E. 43.23 chains thence N. 21° E. 30.0 chains thence N. 39° W. 25.0 chains thence N. 21° E. 49.91 chains to the place of beginning containing 155.82 Acres. Also a lot known as the Suterapple survey and premises commencing at a stake about 0.30 mile from the S.W. corner of Suter Barn on west side of road leading to Dam and running thence S. 17° 45' E. 3.00 chains thence N. 74° 30' E. 6.00 chains crossing tail race thence N. 77° 30' E. 40.00 chains to west bank of Carson River thence S. 18° 30' E. 16.00 chains crossing Carson River thence S. 60° W. 9.90 chains recrossing river to station on west bank thence N. 30° W. 2.90 chains thence S. 71° W. 9.75 chains to station in River near thence N. 52° W. 9.75 chains to station on west bank of River thence N. 73° W. 35.0 chains thence N. 9° 45' E. 10.22 chains thence N. 72° 15' E. 12.81 chains to place of beginning containing 43.20 Acres. Also a lot known as the Illinois Mill property commencing at a stake marked Brown branch to S. 1/2 of west bank of the old channel of Carson River and running thence N. 34° 30' W. 5.57 feet crossing water at 300 feet to a stake marked Brown branch N. 1/2 S. thence S. 49° W. 15.5 feet crossing tail race to stake marked Brown branch S. 1/2 S. in east side of river Rock Point Ditch thence S. 50° E. 10.44 feet up and over Rock Point Ditch to stake marked Brown branch S. 1/2 S. thence N. 77° W. 6.37 feet crossing water in Ditch running to Mill at 202 feet to place of beginning containing 2.90 Acres. Also a lot known as the John House land commencing at a corner post in the N.W. corner of John House land on the east side of the road from the Bridge across Carson River to Barrett's Ranch and post being marked Imp. post to S. W. 1/4 Sec. 11 and from said post about S.W. corner of the land to point at Dayton River N. 1/2 S. west and the N.W. corner of John House land thence S. 67° E. 6.00 chains distant from said corner 1.54 feet thence N. 1/2 S. 11.60 feet thence N. 1/2 S. 3.31 feet thence N. 66° E. 6.00 feet thence N. 85° 30' E. 2.50 feet to the place of beginning containing 5.74 Acres. Also a lot known as the John House land commencing at a corner post attached to the corner survey of the west corner of the lot known as the Suter Barn and running N. 1/2 S. and



last above described survey running thence N. 88° E. 30.6 feet to  
 station No. 1 of the premises now to be described: thence running  
 N. 45° 30' W. 37.8 feet: thence S. 70° E. 17.3 feet: thence S. 40° E.  
 30.2 feet: thence S. 70° 47' W. 14.0 feet to the place of beginning.  
 Containing one and one tenth (1.10) Acres. All of the above  
 described property contains the aggregate 21.073 Acres of land  
 And also that certain piece or parcel of land formerly known as  
 Metatagical or Damp Mill property, described as follows to wit:  
 Commencing at the S.E. corner of survey made by Lion John Day  
 for A. Sutor, running with the East side of Keller Street and near  
 Sutor's house, running thence Southwesterly along Keller Street  
 187 feet: thence East to Casson River: thence Northwesterly along  
 bank of Casson River to A. Sutor's S.E. corner: thence Westwesterly  
 along Sutor's said survey to place of beginning. All of the above  
 described premises being a portion of the lands patented to William  
 Haydon Trustee as aforesaid. To gether with all and  
 singular the tenements, hereditaments and appurtenances thereto  
 in anywise in anywise appertaining. To have and to hold  
 the same together with the appurtenances unto the said William  
 Haydon his heirs and assigns forever.

In Testimony Whereof I William Haydon late  
 Judge and Trustee as aforesaid, and as such Judge and Trustee  
 have hereunto set my hand and seal this first day of August  
 A.D. one thousand eight hundred and seventy one  
 signed sealed and delivered in presence of  
 Wm. Haydon *Seal*  
 Stamp to the said of \$1.00 each affixed. *Seal*  
 and sealed in presence of the undersigned Justice of the  
 Peace for the County of York, State of Nevada.

State of Nevada  
 County of Esmeralda  
 on this fourth day of August A.D. one thousand  
 eight hundred and seventy one before me the Clerk of said County  
 Record in and for said County personally appeared William  
 Haydon late District Judge of the Nevada Judicial District State  
 of Nevada and one of the citizens of the County of Esmeralda  
 and he being duly sworn personally presented to me the  
 same premises described here and he has executed the foregoing true  
 tenements as such Judge and Trustee and he has acknowledged  
 to me that he as such Judge and Trustee is not indebted to any party  
 and is not bound for the said premises in any way and he has  
 Witness my hand and official seal this  
 day last at Elko in the County of Esmeralda  
 State of Nevada.



Recorded at request of A. M. Edgington August 29<sup>th</sup> A.D. 1871  
 at 20 min past 9 A.M. J. H. Conwell County  
 Recorder of Esmeralda County Nevada